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Ohio Labor Market Information

Labor Market Review

May 1987

Summary. The seasonally adjusted unemployment rate in Ohio rose from 7.2 percent in April to 7.9 percent in May. The national rate was unchanged at 6.3 percent. Ohio's civilian labor force gained 71,000 over the month, with the total number of unemployed workers, at 416,000, increasing by 39,000. The total employment level reached 4,878,000, the highest since March 1986. Seasonally adjusted nonagricultural wage and salary employment in Ohio totaled 4,572,000 in May, up 2,000 from April. Increases in nonmanufacturing industries were partially offset by losses in manufacturing employment. (See page 3.)

Factory Employment. Ohio's seasonally adjusted manufacturing employment dropped 6,000 from April, to 1,091,000 in May. Employment in durable-goods industries fell 5,000, to 736,000, while nondurable-goods employment, at 356,000, was down 1,000.

Nonmanufacturing. A gain of 5,000 in services helped raise nonmanufacturing employment 9,000, to 3,481,000 in May. Smaller gains occurred in construction, retail trade, finance, insurance, and real estate, and government. Employment in mining, transportation and public utilities, and wholesale trade was unchanged.

Over the Year. From May 1986 to May 1987, the civilian labor force in Ohio increased 80,000. Total employment was up 94,000, while total unemployment dropped 14,000. Ohio's unemployment rate fell from 8.2 percent to 7.9 percent during the period, while the U.S. rate dropped from 7.2 percent to 6.3 percent. Nonagricultural payroll employment rose 109,000 from May 1986. Gains in services and retail trade accounted for nearly four-fifths of the increase. The only divisions showing declines over the year were manufacturing—down 21,000 due to losses in durable goods—and mining, down 2,000.

Factory Hours and Earnings. Production workers in Ohio's manufacturing industries earned an average of $497.68 per week in May, up $4.69 from April. Their average workweek increased .4 hours, to 42.5 hours. Most industries had increased earnings in May. The most significant were in aircraft and parts, paperboard containers and boxes, and miscellaneous plastics products. Reduced overtime lowered earnings in iron and steel foundries and electric lighting and wiring equipment.

Benefits and Costs. There were 44,061 initial claims filed under the Ohio Unemployment Compensation Law in May, down 19.6 percent from April, and down 23.2 percent from May 1986. Total benefits paid dropped 24.8 percent, to $50.7 million. The average weekly number of benefit recipients fell 19,852, to 81,305. At the end of May, there were 195,506 active employer accounts.

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

Employment Service. In May 1987, 36,395 new applicants were assisted in their job search by the Ohio Bureau of Employment Services, up 4.3 percent from April. A 9.8 percent decline occurred in the number of job openings received from employers, from 15,472 in April, to 13,951 in May. The Employment Services Division made 24,927 referrals and 6,191 job placements during the month.

Hire Persons with Disabilities

People at Work is what the American dream is all about and people with disabilities are a part of this dream. But some are excluded. Many people ignore the ABILITY and just see the DISABILITY.

It's difficult to reach your dream without a job. Various studies show that approximately two-thirds of all disabled workers between 16 and 64 years old are not working — do what you can to promote employment and to employ qualified workers with disabilities.

Call your local Job Service Office for referral of qualified disabled job applicants.

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Seasonally Adjusted Civilian Labor Force & Nonagricultural Wage & Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	May 1987	Apr. 1987	May 1986	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,294	5,223	5,214	71	80	1.4	1.5
Employment	4,878	4,846	4,784	32	94	0.7	2.0
Unemployment	416	377	430	39	-14	10.3	-3.3
Unemployment Rate	7.9	7.2	8.2				
Employer Survey Data[e]							
Total	4,572	4,570	4,464	2	109	0.1	2.4
Manufacturing	1,091	1,098	1,112	-6	-21	-0.6	-1.8
Durable Goods	736	741	756	-5	-20	-0.7	-2.6
Nondurable Goods	356	357	356	-1	-1	-0.3	-0.2
Nonmanufacturing	3,481	3,472	3,352	9	129	0.3	3.9
Mining	21	21	23	0	-2	-1.0	-8.8
Construction	172	171	161	1	11	0.7	7.0
Transportation and Public Utilities	211	211	203	0	8	0.1	3.9
Wholesale Trade	250	249	245	0	4	0.2	1.8
Retail Trade	846	846	816	1	31	0.1	3.8
Finance, Insurance, and Real Estate	242	242	231	1	12	0.3	5.0
Services	1,050	1,045	994	5	56	0.5	5.6
Government	689	688	679	1	9	0.1	1.4
Goods Producing Industries[f]	1,284	1,289	1,295	-5	-11	-0.4	-0.9
Service Producing Industries[g]	3,288	3,281	3,168	8	120	0.2	3.8

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b]Changes are computed from unrounded numbers. [c]Percentages are computed from unrounded numbers. [d]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence, provided by the U.S. Bureau of Labor Statistics. [e]From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. [f]Includes Mining, Construction, and Manufacturing. [g]Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates*

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate		
Total	Employed	Unemployed	Ohio	US	
					1985
5,084	4,664	420	8.3	7.2	May
5,078	4,645	433	8.5	7.3	June
5,150	4,647	503	9.8	7.3	July
5,132	4,675	457	8.9	7.1	August
5,167	4,701	466	9.0	7.1	September
5,172	4,707	465	9.0	7.1	October
5,192	4,727	465	9.0	7.0	November
5,185	4,754	431	8.3	7.0	December
					1986
5,218	4,759	459	8.8	6.8	January
5,325	4,869	456	8.6	7.2	February
5,297	4,896	401	7.6	7.2	March
5,248	4,823	425	8.1	7.1	April
5,214	4,784	430	8.2	7.2	May
5,204	4,752	452	8.7	7.1	June
5,204	4,777	427	8.2	7.0	July
5,185	4,763	422	8.1	6.8	August
5,163	4,734	429	8.3	7.0	September
5,214	4,810	404	7.7	6.9	October
5,264	4,875	389	7.4	6.9	November
5,276	4,861	415	7.9	6.7	December
					1987
5,287	4,850	437	8.3	6.7	January
5,303	4,848	455	8.6	6.7	February
5,215	4,824	391	7.5	6.6	March
5,223	4,846	377	7.2	6.3	April
5,294	4,878	416	7.9	6.3	May

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Total Nonagricultural	Manufacturing			
		Durable	Nondurable	
				1985
4,379	1,128	773	356	May
4,368	1,124	770	355	June
4,374	1,122	767	355	July
4,380	1,119	763	356	August
4,385	1,114	759	355	September
4,398	1,117	762	356	October
4,410	1,120	763	357	November
4,422	1,123	766	357	December
				1986
4,438	1,124	767	357	January
4,440	1,122	764	357	February
4,440	1,117	760	356	March
4,459	1,117	761	356	April
4,464	1,112	756	356	May
4,466	1,111	755	356	June
4,472	1,103	749	354	July
4,484	1,103	748	355	August
4,488	1,100	744	355	September
4,497	1,094	739	355	October
4,517	1,103	747	356	November
4,532	1,106	750	356	December
				1987
4,556	1,106	748	358	January
4,564	1,108	750	358	February
4,563	1,099	741	357	March
4,570	1,098	741	357	April
4,572	1,091	736	356	May

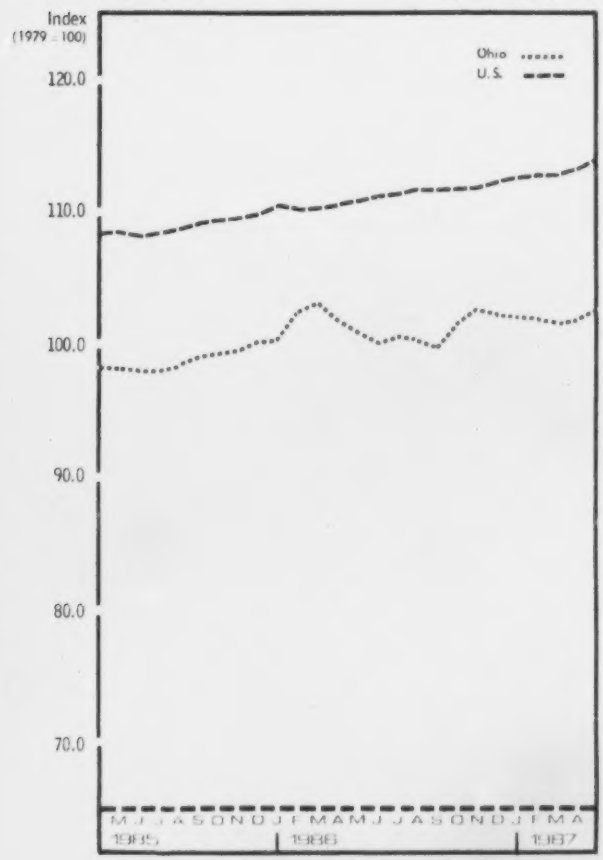
Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

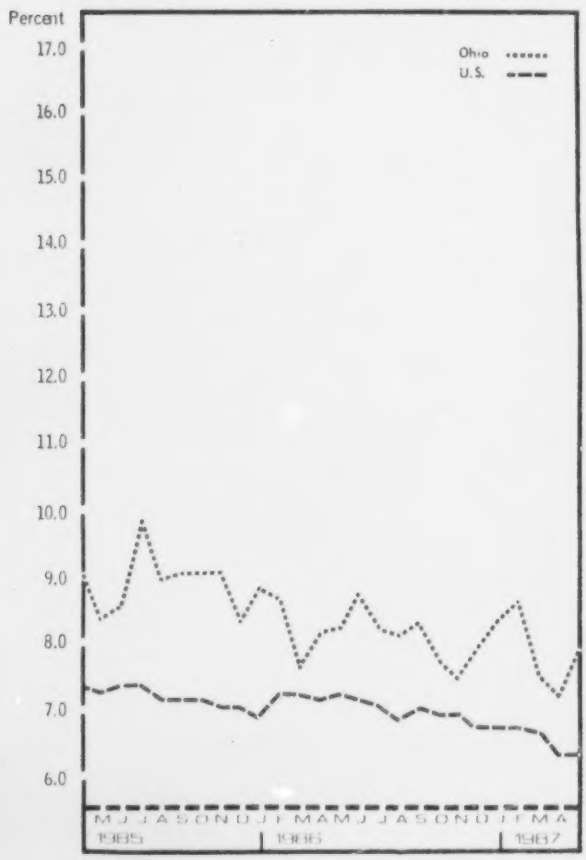
Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance, & Real Estate	Services	Government
					1985				
3,250	27	155	203	245	May	788	218	949	664
3,244	26	154	203	244	June	789	218	948	663
3,252	26	154	202	243	July	790	219	952	667
3,261	25	154	202	243	August	793	220	956	667
3,272	25	155	202	244	September	794	222	959	671
3,280	25	156	202	244	October	798	223	962	670
3,290	25	155	203	244	November	801	224	965	672
3,300	25	158	203	244	December	802	225	969	673
					1986				
3,314	25	158	203	245	January	806	226	974	677
3,319	25	158	202	245	February	809	227	977	676
3,323	24	156	203	244	March	811	227	981	676
3,342	23	161	203	245	April	813	229	989	678
3,352	23	161	203	245	May	816	231	994	679
3,355	22	160	202	245	June	818	231	996	680
3,369	22	160	206	245	July	820	233	1002	680
3,381	22	161	207	246	August	824	234	1005	682
3,388	22	162	208	247	September	826	234	1008	682
3,402	22	162	209	247	October	831	236	1013	682
3,414	22	164	210	247	November	833	236	1020	682
3,426	22	165	210	249	December	836	237	1026	682
					1987				
3,450	22	171	210	249	January	840	239	1032	687
3,456	21	171	211	249	February	842	240	1036	686
3,465	21	170	210	249	March	845	240	1040	688
3,472	21	171	211	249	April	846	242	1045	688
3,481	21	172	211	250	May	846	242	1050	689

*Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review.

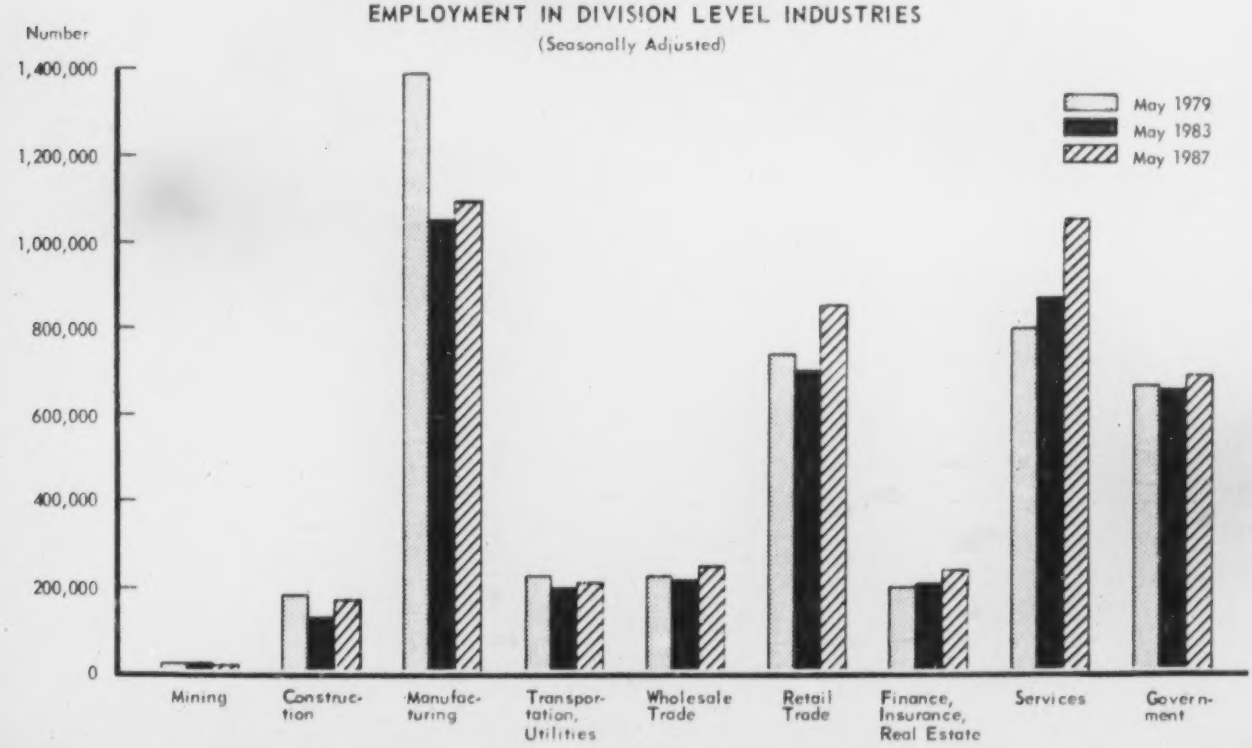
INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.
(Seasonally Adjusted)



UNEMPLOYMENT RATES
OHIO AND U.S.
(Seasonally Adjusted)



EMPLOYMENT IN DIVISION LEVEL INDUSTRIES
(Seasonally Adjusted)



Nonseasonally Adjusted Estimates*

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate		
Total	Employed	Unemployed	Ohio	U.S.	
4,751	4,380	370	7.8	7.7	1976
4,833	4,520	312	6.5	7.1	1977
4,959	4,690	268	5.4	6.1	1978
5,059	4,760	299	5.9	5.8	1979
5,089	4,663	426	8.4	7.1	1980
5,100	4,608	492	9.6	7.6	1981
5,114	4,474	640	12.5	9.7	1982
5,099	4,478	621	12.2	9.6	1983
5,089	4,609	480	9.4	7.5	1984
5,139	4,684	456	8.9	7.2	1985
5,234	4,809	426	8.1	7.0	1986
					1986
5,187	4,798	389	7.5	7.0	May
5,267	4,809	458	8.7	7.3	June
5,295	4,882	413	7.8	7.0	July
5,261	4,838	423	8.0	6.7	August
5,189	4,755	434	8.4	6.8	September
5,263	4,855	408	7.8	6.6	October
5,282	4,894	388	7.3	6.6	November
5,259	4,841	418	7.9	6.3	December
					1987
5,196	4,744	452	8.7	7.3	January
5,205	4,732	473	9.1	7.2	February
5,154	4,749	405	7.9	6.9	March
5,205	4,837	367	7.1	6.2	April
5,264	4,892	372	7.1	6.1	May

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Total Nonagricultural	Manufacturing			
		Durable	Nondurable	
4,094.6	1,295.3	910.6	384.6	1976
4,230.1	1,344.1	945.2	398.9	1977
4,394.9	1,377.2	974.5	402.7	1978
4,484.8	1,382.3	980.5	401.8	1979
4,367.4	1,264.3	882.6	381.8	1980
4,317.7	1,232.6	860.4	372.2	1981
4,124.3	1,099.9	752.4	347.5	1982
4,092.5	1,066.0	723.6	342.4	1983
4,260.2	1,127.0	773.4	353.6	1984
4,372.9	1,124.3	768.7	355.5	1985
4,475.2	1,109.3	753.2	356.1	1986
				1986
4,491.8	1,112.3	757.2	355.1	May
4,510.9	1,118.3	760.1	358.2	June
4,478.3	1,105.8	750.6	355.2	July
4,488.4	1,107.4	748.4	359.0	August
4,531.8	1,109.4	748.0	361.4	September
4,546.2	1,098.4	741.5	356.9	October
4,563.9	1,105.8	749.1	356.7	November
4,569.4	1,106.3	749.6	356.7	December
				1987
4,466.2	1,095.7	741.2	354.6	January
4,467.2	1,096.0	742.4	353.6	February
4,492.3	1,092.1	738.4	353.6	March
4,556.9	1,094.4	740.1	354.3	April
4,601.0	1,091.8	737.3	354.5	May

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade	
2,799.3	28.2	154.2	213.7	208.4	1976
2,886.0	29.1	162.8	219.1	214.6	1977
3,017.7	29.0	176.6	225.0	226.0	1978
3,102.5	31.6	182.9	232.1	232.8	1979
3,103.0	30.7	167.4	223.1	230.6	1980
3,085.1	30.7	153.7	217.2	232.5	1981
3,024.4	30.3	134.6	206.8	226.0	1982
3,026.5	26.6	130.8	198.5	222.5	1983
3,133.1	27.8	144.8	203.9	236.7	1984
3,248.6	26.1	154.0	202.7	243.7	1985
3,366.0	22.7	160.8	205.5	246.0	1986
					1986
3,379.5	22.5	162.0	203.2	245.6	May
3,392.6	22.5	168.1	203.7	247.0	June
3,372.5	22.6	175.3	208.1	247.1	July
3,381.0	22.3	179.1	209.9	247.9	August
3,422.4	22.1	180.0	210.8	247.6	September
3,447.7	22.0	180.3	211.4	248.2	October
3,458.0	22.1	174.2	211.2	248.9	November
3,463.1	21.8	163.1	211.5	249.1	December
					1987
3,370.4	21.2	144.7	205.1	246.7	January
3,371.2	20.7	139.6	205.8	246.1	February
3,400.3	20.5	145.6	206.6	246.9	March
3,462.5	20.3	160.7	209.4	248.5	April
3,509.2	20.5	173.3	210.9	250.0	May

Retail Trade	Finance, Insurance, & Real Estate	Services	Government	
682.4	177.0	703.2	632.2	1976
703.2	183.4	731.4	642.3	1977
730.4	191.1	772.1	667.5	1978
742.4	200.6	806.2	674.0	1979
726.6	203.8	830.9	689.9	1980
717.7	205.8	851.6	676.0	1981
703.4	206.4	857.3	659.6	1982
711.0	207.8	873.3	656.1	1983
748.0	211.5	905.2	655.2	1984
787.9	219.3	949.5	665.2	1985
820.5	231.8	998.8	679.8	1986
				1986
817.2	230.6	1,003.4	694.9	May
825.3	233.5	1,012.8	679.8	June
825.9	236.1	1,013.8	643.5	July
832.0	236.4	1,015.5	637.9	August
834.9	235.4	1,021.7	670.0	September
839.5	235.4	1,019.1	691.8	October
850.9	236.0	1,018.7	696.1	November
865.1	237.1	1,017.4	698.0	December
				1987
821.3	236.6	1,006.1	688.8	January
810.4	237.4	1,014.1	697.2	February
817.0	238.3	1,023.5	701.9	March
835.5	240.4	1,047.5	700.1	April
847.9	242.2	1,059.9	704.5	May

*Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Employment, Hours & Earnings in Manufacturing in Ohio*

Manufacturing Employment

(in thousands)

Manufacturing				Production Workers in Manufacturing		
	Durable Goods	Nondurable Goods		Production Workers (in thous.)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1,295.3	910.6	384.6	1976	926.1	233.9	38.2
1,344.1	945.2	398.9	1977	958.0	271.2	40.2
1,377.2	974.5	402.7	1978	985.5	302.5	41.5
1,382.3	980.5	401.8	1979	979.0	318.5	40.6
1,264.3	882.6	381.8	1980	867.8	301.9	35.2
1,232.6	860.4	372.2	1981	847.7	330.4	34.7
1,099.9	752.4	347.5	1982	735.7	297.1	29.5
1,066.0	723.6	342.4	1983	721.6	315.4	29.9
1,127.0	773.4	353.6	1984	781.5	362.3	33.1
1,124.3	768.7	355.5	1985	773.4	369.7	32.5
1,109.3	753.2	356.1	1986	758.0	368.9	31.9
			1986			
1,112.3	757.2	355.1	May	761.6	365.8	31.8
1,118.3	760.1	358.2	June	764.9	368.5	32.0
1,105.8	750.6	355.2	July	751.6	357.5	31.1
1,107.4	748.4	359.0	August	753.5	362.7	31.6
1,109.4	748.0	361.4	September	756.4	368.6	32.0
1,098.4	741.5	356.9	October	746.3	360.9	31.5
1,105.8	749.1	356.7	November	755.2	375.4	32.2
1,106.3	749.6	356.7	December	755.4	383.8	32.6
			1987			
1,095.7	741.2	354.6	January	746.3	375.1	31.9
1,096.0	742.4	353.6	February	747.3	373.0	31.7
1,092.1	738.4	353.6	March	744.9	371.4	31.7
1,094.4	740.1	354.3	April	748.5	369.0	31.5
1,091.8	737.3	354.5	May	745.7	371.1	31.7

Production Workers Average Weekly Earnings

Manufacturing				Production Workers Average Weekly Hours				Production Workers Average Hourly Earnings			
	Durable Goods	Nondurable Goods		Manufacturing				Manufacturing			
					Durable Goods	Nondurable Goods			Durable Goods	Nondurable Goods	
$252.54	$258.75	$235.00	1976	41.2	41.4	41.3	1976	$6.10	$6.25	$5.69	
283.08	292.02	258.34	1977	42.0	42.2	41.4	1977	6.74	6.92	6.24	
306.91	316.83	279.30	1978	42.1	42.3	41.5	1978	7.29	7.49	6.73	
325.36	335.30	297.78	1979	41.5	41.6	41.1	1979	7.84	8.06	7.25	
347.94	358.57	319.99	1980	40.6	40.7	40.2	1980	8.57	8.81	7.96	
389.78	401.64	358.16	1981	40.9	40.9	40.7	1981	9.53	9.82	8.80	
403.81	414.80	378.95	1982	40.1	40.0	40.4	1982	10.07	10.37	9.38	
437.18	452.35	402.52	1983	41.4	41.5	41.2	1983	10.56	10.90	9.77	
463.61	482.38	417.83	1984	42.3	42.5	41.7	1984	10.96	11.35	10.02	
477.96	499.56	425.80	1985	42.0	42.3	41.3	1985	11.38	11.81	10.31	
486.68	507.95	439.71	1986	42.1	42.4	41.6	1986	11.56	11.98	10.57	
			1986				1986				
480.28	499.80	434.89	May	41.8	42.0	41.3	May	11.49	11.90	10.53	
481.85	500.99	439.71	June	41.9	42.1	41.6	June	11.50	11.90	10.57	
475.69	491.00	438.19	July	41.4	41.4	41.3	July	11.49	11.86	10.61	
481.43	500.99	439.30	August	41.9	42.1	41.6	August	11.49	11.90	10.56	
487.30	507.03	443.72	September	42.3	42.5	41.9	September	11.52	11.93	10.59	
483.53	502.25	444.52	October	41.9	42.1	41.7	October	11.54	11.93	10.66	
497.14	517.80	449.40	November	42.6	42.9	42.0	November	11.67	12.07	10.70	
508.15	531.14	454.92	December	43.1	43.5	42.2	December	11.79	12.21	10.78	
			1987				1987				
502.58	524.96	449.53	January	42.7	43.1	41.7	January	11.77	12.18	10.78	
499.05	520.88	446.71	February	42.4	42.8	41.4	February	11.77	12.17	10.79	
498.53	519.95	448.86	March	42.5	42.9	41.6	March	11.73	12.12	10.79	
492.99	514.25	443.72	April	42.1	42.5	41.2	April	11.71	12.10	10.77	
497.68	517.02	453.36	May	42.5	42.8	41.9	May	11.71	12.08	10.82	

*Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment & Average Weekly Earnings in Selected Major Manufacturing Industries in Ohio[a]

Employment

(in thousands)

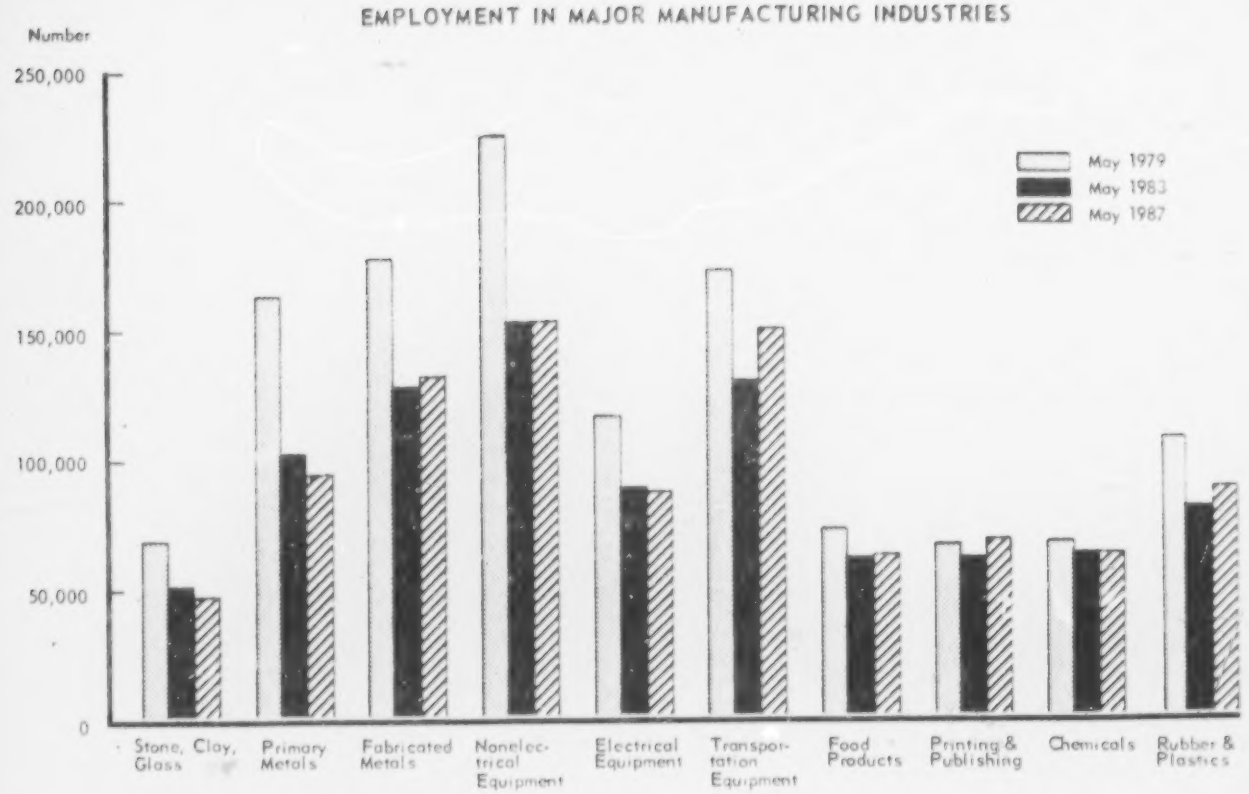
Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
66.3	154.6	157.9	1976	205.9	115.5	143.0	1976	73.8	64.5	98.2
67.1	157.7	166.5	1977	210.7	120.9	151.8	1977	74.4	65.4	107.4
69.3	157.5	173.3	1978	216.7	122.2	164.1	1978	74.6	66.6	107.4
69.7	158.9	175.5	1979	223.6	117.6	165.8	1979	74.4	67.6	106.7
64.5	139.8	157.6	1980	211.4	106.4	139.1	1980	72.7	67.4	92.7
61.0	138.3	154.9	1981	204.2	101.9	136.9	1981	69.2	66.1	89.0
54.2	112.7	134.9	1982	176.7	93.4	121.7	1982	66.9	63.2	80.4
52.1	104.1	129.7	1983	154.3	89.4	132.1	1983	63.4	62.8	82.7
52.5	108.9	138.7	1984	167.3	93.1	144.9	1984	62.8	65.1	90.8
50.4	101.8	139.5	1985	166.2	90.5	151.7	1985	62.9	66.6	90.2
49.4	95.4	136.8	1986	158.7	89.8	153.5	1986	62.6	68.6	91.5
			1986				1986			
49.9	98.4	137.6	May	160.3	90.1	150.5	May	61.6	68.1	92.3
50.5	97.2	137.8	June	160.3	89.6	154.0	June	62.6	68.9	92.9
50.4	93.9	135.5	July	159.0	89.1	153.5	July	63.0	68.9	90.2
50.6	91.9	135.5	August	158.3	90.4	151.1	August	66.2	68.9	91.2
50.4	90.1	137.2	September	158.1	90.1	151.2	September	66.6	69.3	91.2
48.6	90.9	136.0	October	152.7	90.1	152.5	October	63.1	69.4	90.6
49.2	93.6	136.3	November	156.0	90.2	153.8	November	62.4	69.4	90.9
49.0	94.1	136.0	December	156.1	90.2	154.4	December	62.7	69.1	91.3
			1987				1987			
47.8	93.8	134.3	January	155.0	90.6	151.7	January	62.0	68.8	91.3
47.9	95.5	133.5	February	154.1	89.8	153.6	February	61.5	69.1	90.8
47.7	96.7	133.3	March	153.8	89.0	148.9	March	61.5	69.1	90.4
48.0	96.7	132.5	April	153.5	88.0	151.6	April	62.2	69.3	89.8
48.4	95.3	132.1	May	153.4	87.3	150.7	May	62.7	69.3	89.0

Average Weekly Earnings of Production Workers

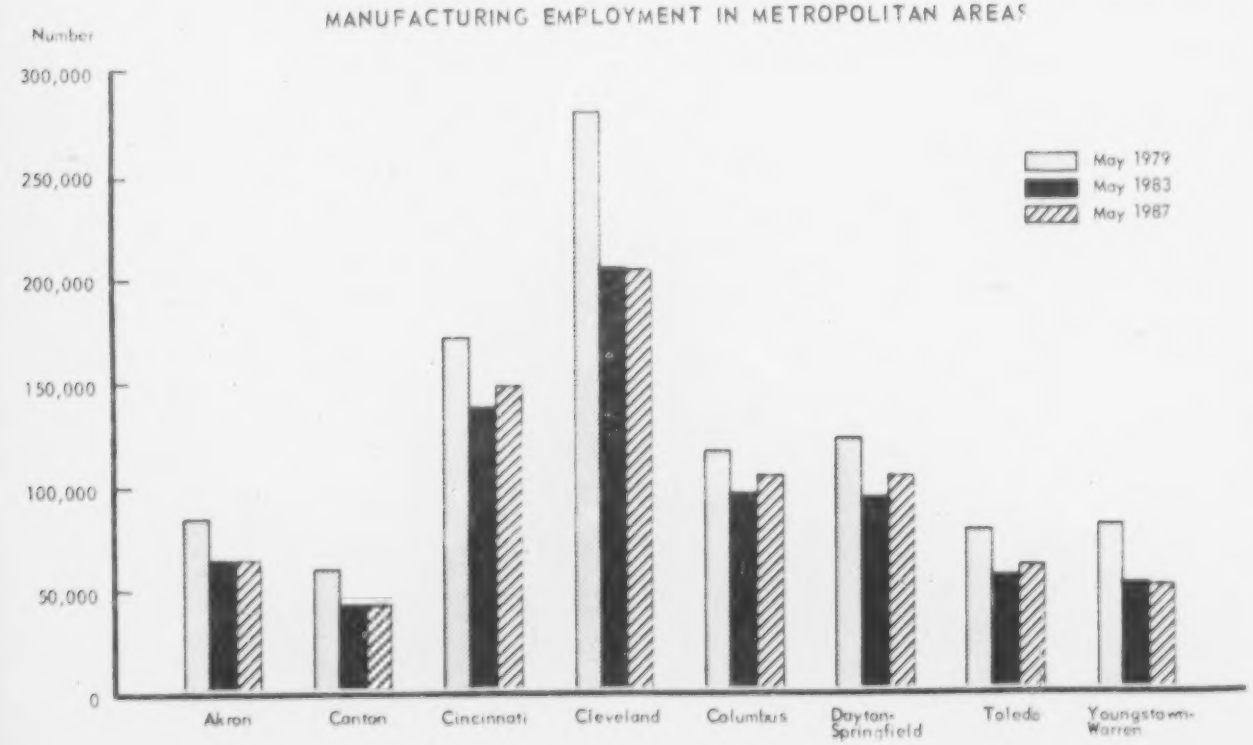
$232.40	$294.58	$256.68	1976	$253.31	$221.54	$302.87	1976	$242.92	$252.20	$237.30
253.95	329.54	290.44	1977	279.18	248.44	359.20	1977	258.54	271.96	263.97
274.81	366.24	307.23	1978	306.16	268.45	389.66	1978	281.15	285.18	282.73
293.34	395.43	323.38	1979	329.09	289.27	391.56	1979	304.50	302.62	300.66
315.43	422.01	349.34	1980	352.77	316.31	414.83	1980	329.85	320.92	323.61
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
443.81	559.93	494.91	1986	485.18	459.80	632.06	1986	416.83	410.70	438.96
			1986				1986			
446.37	547.80	486.36	May	481.20	451.28	620.54	May	419.67	407.33	433.15
443.56	546.89	494.06	June	483.07	450.58	616.40	June	417.91	402.80	443.66
442.24	548.05	472.65	July	473.30	448.11	600.66	July	431.04	406.75	431.38
449.86	566.46	486.99	August	481.85	452.35	616.40	August	422.99	410.80	438.65
447.62	559.68	494.38	September	485.41	464.88	629.31	September	420.33	417.40	441.34
447.44	563.50	488.36	October	482.58	456.77	610.76	October	426.72	418.95	443.23
442.08	583.73	503.01	November	492.33	471.33	646.46	November	423.85	429.37	447.38
441.00	596.23	515.70	December	510.82	489.89	656.48	December	436.17	429.46	444.19
			1987				1987			
441.31	593.61	515.91	January	498.53	473.61	647.91	January	438.46	416.96	443.59
440.67	590.46	510.27	February	499.80	457.47	646.46	February	435.77	420.53	433.82
449.35	587.80	506.75	March	506.32	463.29	640.46	March	436.60	415.56	438.35
447.68	595.35	491.82	April	495.33	461.61	630.08	April	430.56	414.02	431.38
453.46	591.80	494.49	May	497.57	454.67	634.04	May	436.96	421.76	441.09

[a]Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



MANUFACTURING EMPLOYMENT IN METROPOLITAN AREAS



Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	May 1987[b]	April 1987[c]	May 1986[c]	From Last Month	From Last Year
TOTAL	4601.0	4556.9	4491.8	44.1	109.2
MANUFACTURING	1091.8	1094.4	1112.3	- 2.6	- 20.5
Durable Goods[e]	737.3	740.1	757.2	- 2.8	- 20.0
Lumber and wood products	19.8	19.2	18.6	.6	1.2
Furniture and fixtures	14.7	14.7	14.7	- .1	.0
Stone, clay, and glass products	48.4	48.0	49.9	.4	- 1.5
Glass and glassware, pressed or blown	10.6	10.6	11.0	- .1	- .5
Primary metal industries	95.3	96.7	98.4	- 1.4	- 3.1
Blast furnace and basic steel products	44.5	45.1	44.3	- .6	.2
Iron and steel foundries	19.0	19.1	20.9	- .1	- 2.0
Nonferrous rolling and drawing	16.8	17.3	18.0	- .5	- 1.3
Fabricated metal products	132.1	132.5	137.6	- .4	- 5.6
Cutlery, hand tools, and hardware	9.9	10.2	10.5	- .2	- .6
Fabricated structural metal products	28.3	28.1	29.2	.3	- .8
Metal forgings and stampings	42.1	42.4	43.7	- .3	- 1.5
Machinery, except electrical	153.4	153.5	160.3	- .2	- 7.0
Construction and related machinery	11.8	11.8	13.0	.1	- 1.2
Metalworking machinery	39.2	39.2	41.7	.0	- 2.5
Special industry machinery	16.7	16.7	17.2	.0	- .5
General industrial machinery	26.7	27.0	28.6	- .3	- 1.9
Office and computing machines	13.4	13.2	13.6	.2	- .2
Refrigeration and service machinery	17.0	17.1	16.7	- .1	.3
Electric and electronic equipment	87.3	88.0	90.1	- .8	- 2.8
Electrical industrial apparatus	16.7	16.8	17.8	- .1	- 1.1
Household appliances	16.5	16.6	16.8	- .1	- .3
Electric lighting and wiring equipment	17.4	17.6	17.8	- .2	- .3
Communication equipment	10.0	10.3	10.5	- .3	- .5
Transportation equipment	150.7	151.6	150.5	- .9	.2
Motor vehicles and equipment	96.9	97.4	95.2	- .5	1.7
Aircraft and parts	44.3	44.7	46.0	- .4	- 1.7
Instruments and related products	21.9	22.1	23.3	- .1	- 1.3
Measuring and controlling devices	11.9	12.0	12.3	- .1	- .4
Nondurable Goods[f]	354.5	354.3	355.1	.2	- .6
Food and kindred products	62.7	62.2	61.6	.5	1.1
Meat products	9.9	9.9	9.6	.0	.4
Dairy products	10.4	10.2	10.0	.2	.4
Preserved fruits and vegetables	10.3	10.4	10.3	- .2	.0
Bakery products	8.9	8.8	8.6	.1	.3
Beverages	9.9	9.7	9.8	.2	.1
Apparel and other textile products	16.0	16.1	16.1	- .1	- .1
Paper and allied products	37.4	37.3	37.1	.1	.3
Misc. converted paper products	12.0	12.1	11.7	- .1	.2
Paperboard containers and boxes	12.9	12.7	12.6	.2	.3
Printing and publishing	69.3	69.3	68.1	.0	1.2
Newspapers	19.3	19.2	18.9	.1	.4
Commercial printing	26.6	26.4	26.2	.2	.3
Chemicals and allied products	63.8	63.7	63.0	.1	.7
Industrial inorganic chemicals	10.2	10.2	9.9	.0	.3
Rubber and misc. plastics products	89.0	89.8	92.3	- .8	- 3.2
Tires and inner tubes	16.5	16.5	18.2	.0	- 1.7
Miscellaneous plastics products	53.0	53.5	53.6	- .5	- .6

See footnotes on page 13

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	May 1987[b]	April 1987[c]	May 1986[c]	From Last Month	From Last Year
NONMANUFACTURING	3509.2	3462.5	3379.5	46.8	129.8
MINING	20.5	20.3	22.5	.2	- 2.0
Bituminous coal and lignite mining	9.4	9.3	10.2	.1	- .8
Oil and gas extraction	6.4	6.4	7.6	.0	- 1.2
CONSTRUCTION	173.3	160.7	162.0	12.6	11.3
General building contractors	44.4	41.6	40.4	2.8	3.9
Heavy construction contractors	22.5	18.4	22.1	4.0	.4
Highway and street construction	11.0	8.1	10.3	2.9	.7
Special trade contractors	106.5	100.7	99.5	5.8	7.0
TRANSPORTATION AND PUBLIC UTILITIES	210.9	209.4	203.2	1.6	7.8
Railroad transportation	15.1	14.6	16.1	.4	- 1.1
Transportation, except railroads	102.0	100.8	96.8	1.2	5.2
Trucking and warehousing	70.3	69.6	67.7	.6	2.6
Communication, electric, gas services	93.9	94.0	90.2	- .1	3.7
Communication	52.7	52.7	48.8	.1	3.9
Electric, gas, and sanitary services	41.1	41.3	41.4	- .2	- .3
WHOLESALE TRADE	250.0	248.5	245.6	1.5	4.4
Wholesale trade-durable goods	157.8	157.0	155.6	.8	2.2
Motor vehicles & automotive equipment	22.2	22.0	22.3	.1	- .2
Electrical goods	20.7	20.6	20.3	.0	.4
Machinery, equipment, and supplies	68.2	67.9	67.3	.3	.9
Wholesale trade-nondurable goods	92.2	91.5	90.0	.7	2.2
Groceries and related products	29.5	29.3	28.2	.2	1.2
RETAIL TRADE	847.9	835.5	817.2	12.4	30.7
General merchandise stores	110.2	109.4	110.1	.7	.1
Department stores	97.4	96.9	98.2	.5	- .7
Food stores	131.0	130.0	128.1	1.0	2.9
Automotive dealers & service stations	95.3	94.4	90.9	.9	4.4
Apparel and accessory stores	39.5	39.1	37.5	.4	2.1
Eating and drinking places	304.7	297.8	293.0	6.9	11.7
FINANCE, INSURANCE, AND REAL ESTATE	242.2	240.4	230.6	1.8	11.6
Banking	62.4	62.3	61.2	.2	1.2
Credit agencies other than banks	38.6	38.4	36.3	.3	2.4
Insurance carriers	65.2	65.0	62.5	.2	2.7
Life insurance	24.1	24.0	23.5	.0	.6
Fire, marine, and casualty insurance	28.9	28.8	28.3	.1	.6
SERVICES	1059.9	1047.5	1003.4	12.4	56.4
Hotels and other lodging places	34.7	33.3	34.1	1.4	.6
Personal services	56.8	58.5	53.3	- 1.7	3.5
Laundry, cleaning, & garment services	18.8	18.6	18.2	.3	.6
Business services	211.5	208.8	189.2	2.8	22.4
Services to buildings	29.7	29.4	27.7	.4	2.1
Computer and data processing services	19.4	19.3	17.1	.1	2.3
Amusement and recreation services	47.7	39.3	45.4	8.4	2.3
Health services	358.1	356.1	341.4	2.0	16.7
Nursing and personal care facilities	79.0	78.3	75.5	.7	3.5
Hospitals	176.1	175.5	168.5	.7	7.6
Educational services	58.2	62.4	60.7	- 4.2	- 2.5
Colleges and universities	30.0	34.3	32.3	- 4.4	- 2.3
GOVERNMENT	704.5	700.1	694.9	4.4	9.6
Federal government	94.3	93.9	94.0	.3	.3
State government	158.4	158.7	153.7	- .3	4.7
State government education[f]	84.2	84.2	82.4	.1	1.9
State government, except education	74.1	74.5	71.3	- .4	2.8
Local government	451.9	447.5	447.1	4.3	4.7
Local government education	264.8	263.1	261.6	1.7	3.2
Local government, except education	187.1	184.4	185.6	2.6	1.5

See footnotes on page 13

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1987[b]	April 1987[c]	May 1986[c]	May 1987[b]	Apr. 1987[c]	May 1986[c]	May 1987[b]	Apr. 1987[c]	May 1986[c]
MANUFACTURING	$497.68	$492.99	$480.28	42.5	42.1	41.8	$11.71	$11.71	$11.49
Durable Goods[e]	517.02	514.25	499.80	42.8	42.5	42.0	12.08	12.10	11.90
Lumber and wood products	307.02	303.78	288.64	42.0	41.5	40.2	7.31	7.32	7.18
Furniture and fixtures	348.30	338.30	338.62	40.5	39.8	40.7	8.60	8.50	8.32
Stone, clay, and glass products	453.46	447.68	446.37	42.3	41.8	41.6	10.72	10.71	10.73
Glass and glassware, pressed or blown	456.06	455.94	482.35	39.9	40.1	42.2	11.43	11.37	11.43
Primary metal industries	591.80	595.35	547.80	44.0	44.1	41.5	13.45	13.50	13.20
Blast furnace and basic steel products	616.82	617.26	542.04	44.6	44.6	40.3	13.83	13.84	13.45
Iron and steel foundries	615.33	639.13	586.79	44.3	45.2	42.8	13.89	14.14	13.71
Nonferrous rolling and drawing	590.10	584.36	562.38	42.0	41.8	40.8	14.05	13.98	13.75
Fabricated metal products	494.49	491.82	486.36	42.3	42.0	42.0	11.69	11.71	11.58
Cutlery, hand tools, and hardware	476.95	475.60	474.00	40.8	40.0	40.0	11.69	11.89	11.85
Fabricated structural metal products	447.53	436.17	433.14	42.3	41.5	42.8	10.58	10.51	10.12
Metal forgings and stampings	608.03	611.71	615.29	43.4	43.6	43.3	14.01	14.03	14.21
Machinery, except electrical	497.57	495.33	481.20	42.6	42.3	42.1	11.68	11.71	11.43
Construction and related machinery	428.48	418.37	400.14	41.6	41.3	39.5	10.30	10.13	10.13
Metalworking machinery	473.71	463.56	466.23	42.6	41.8	42.5	11.12	11.09	10.97
Special industry machinery	483.84	478.27	463.75	43.2	42.4	42.8	11.20	11.28	10.81
General industrial machinery	511.94	499.66	501.48	42.1	41.5	42.0	12.16	12.04	11.94
Office and computing machines	424.07	420.48	396.18	43.9	43.8	42.6	9.66	9.60	9.30
Refrigeration and service machinery	567.01	556.28	563.64	42.6	41.7	42.7	13.31	13.34	13.20
Electric and electronic equipment	464.67	461.61	451.28	41.6	41.4	41.1	11.17	11.15	10.98
Electrical industrial apparatus	468.84	451.41	437.66	42.2	41.0	40.3	11.11	11.01	10.86
Household appliances	478.12	470.66	455.14	40.9	40.4	40.1	11.69	11.65	11.35
Electric lighting and wiring equipment	470.92	491.63	463.42	41.2	42.2	41.6	11.43	11.65	11.14
Communication equipment	536.28	510.18	516.17	43.6	42.8	42.8	12.30	11.92	12.06
Transportation equipment	634.04	630.08	620.54	44.0	44.0	43.7	14.41	14.32	14.20
Motor vehicles and equipment	654.44	650.76	649.28	44.1	44.0	43.8	14.84	14.79	14.79
Aircraft and parts	590.50	570.71	564.83	44.1	43.4	44.3	13.39	13.15	12.75
Instruments and related products	370.58	365.20	357.40	40.5	40.0	39.8	9.15	9.13	8.98
Measuring and controlling devices	373.35	369.33	350.87	39.3	39.0	38.6	9.50	9.47	9.09
Nondurable Goods[f]	453.36	443.72	434.89	41.9	41.2	41.3	10.82	10.77	10.53
Food and kindred products	436.96	430.56	419.67	42.3	41.6	41.8	10.33	10.35	10.04
Meat products	387.47	373.38	394.12	43.1	42.0	42.7	8.99	8.89	9.23
Dairy products	456.67	473.71	449.40	42.6	43.7	42.8	10.72	10.84	10.50
Preserved fruits and vegetables	426.06	408.60	385.84	40.5	39.1	40.7	10.52	10.45	9.48
Bakery products	467.97	466.50	436.62	40.1	39.4	38.3	11.67	11.84	11.40
Beverages	434.42	416.33	430.26	42.8	41.8	42.1	10.15	9.96	10.22
Apparel and other textile products	275.91	271.88	264.20	37.9	37.5	36.9	7.28	7.25	7.16
Paper and allied products	510.47	494.83	478.93	45.7	44.7	44.1	11.17	11.07	10.86
Misc. converted paper products	451.42	436.00	448.44	44.3	43.6	44.4	10.19	10.00	10.10
Paperboard containers and boxes	467.29	432.86	411.18	45.5	42.9	42.0	10.27	10.09	9.79
Printing and publishing	421.76	414.02	407.33	38.8	38.3	38.5	10.87	10.81	10.58
Newspapers	374.85	359.82	357.00	35.7	34.9	35.0	10.50	10.31	10.20
Commercial printing	410.90	404.24	397.88	39.7	39.4	39.2	10.35	10.26	10.15
Chemicals and allied products	537.21	530.04	509.96	42.2	41.9	41.8	12.73	12.65	12.20
Industrial inorganic chemicals	589.02	583.94	548.69	42.9	43.0	41.1	13.73	13.58	13.35
Rubber and misc. plastics products	441.09	431.38	433.15	42.7	41.8	42.3	10.33	10.32	10.24
Tires and inner tubes	635.72	644.49	625.14	46.1	46.2	45.3	13.79	13.95	13.80
Miscellaneous plastics products	424.95	414.24	416.64	42.2	41.3	42.0	10.07	10.03	9.92

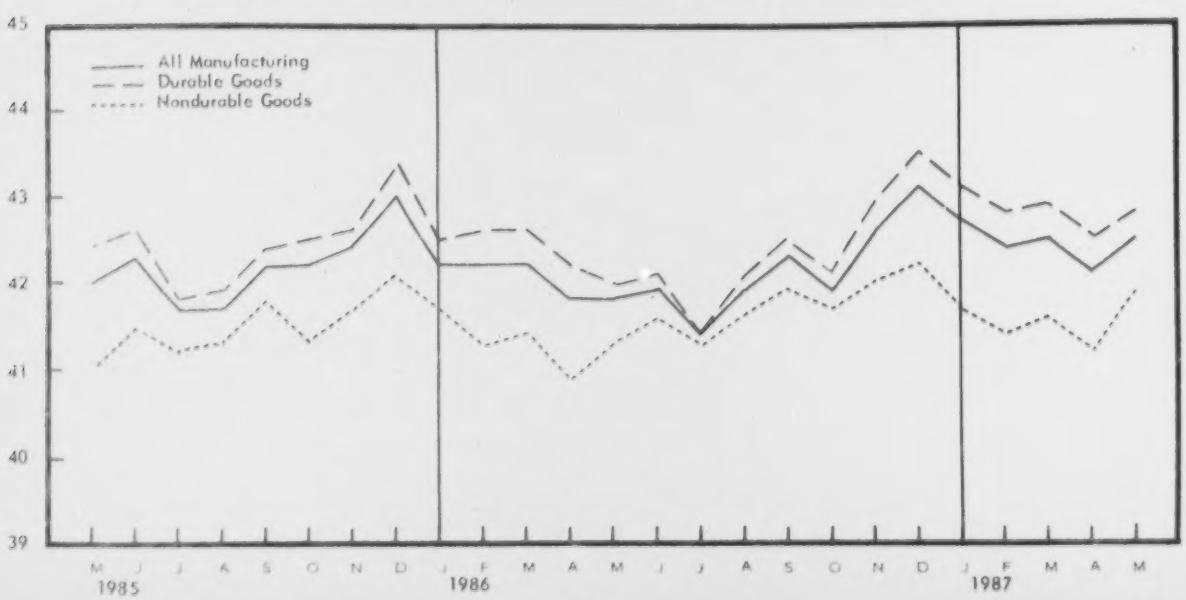
See footnotes on page 13

Hours & Earnings of Production or Nonsupervisory Workers[a]

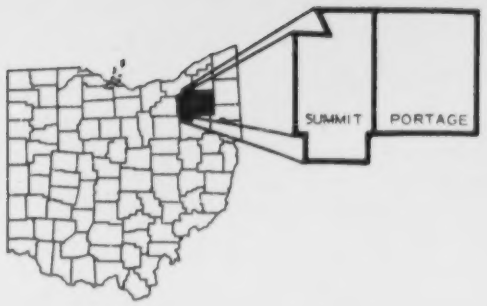
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1987[b]	April 1987[c]	May 1986[c]	May 1987[b]	Apr. 1987[c]	May 1986[c]	May 1987[b]	Apr. 1987[c]	May 1986[c]
MINING	$525.16	$527.03	$512.13	42.8	42.4	43.0	$12.27	$12.43	$11.91
Bituminous coal and lignite mining	617.63	633.54	615.91	40.5	41.3	41.7	15.25	15.34	14.77
CONSTRUCTION	561.72	538.61	587.39	38.9	37.3	38.9	14.44	14.44	15.10
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	557.14	552.90	526.50	41.3	41.2	40.5	13.49	13.42	13.00
Communication	546.53	549.61	513.11	41.0	41.2	39.9	13.33	13.34	12.86
Electric, gas, and sanitary services	571.71	555.67	543.02	41.7	41.1	41.2	13.71	13.52	13.18
WHOLESALE TRADE	374.92	369.38	366.03	39.3	38.8	39.4	9.54	9.52	9.29
Wholesale trade-durable goods	368.32	365.66	361.82	39.1	38.9	39.5	9.42	9.40	9.16
Wholesale trade-nondurable goods	385.70	375.19	373.18	39.6	38.6	39.2	9.74	9.72	9.52
RETAIL TRADE[h]	160.46	159.33	156.67	28.5	28.3	28.8	5.63	5.63	5.44
General merchandise stores	182.90	180.54	181.76	29.5	29.5	29.7	6.20	6.12	6.12
Department stores	188.51	185.89	186.85	29.5	29.6	29.8	6.39	6.28	6.27
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	260.40	258.17	249.72	....	....	....	.....	.....	.....
Credit agencies other than banks	248.93	248.76	243.32	....	....	....	.....	.....	.....
Insurance carriers	345.04	341.85	324.31	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	324.39	326.04	315.63	32.8	33.0	33.4	9.89	9.88	9.45

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures, textile mill products; petroleum and coal products; leather and leather products. [h]Money payments only; tips not included. [i]Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES



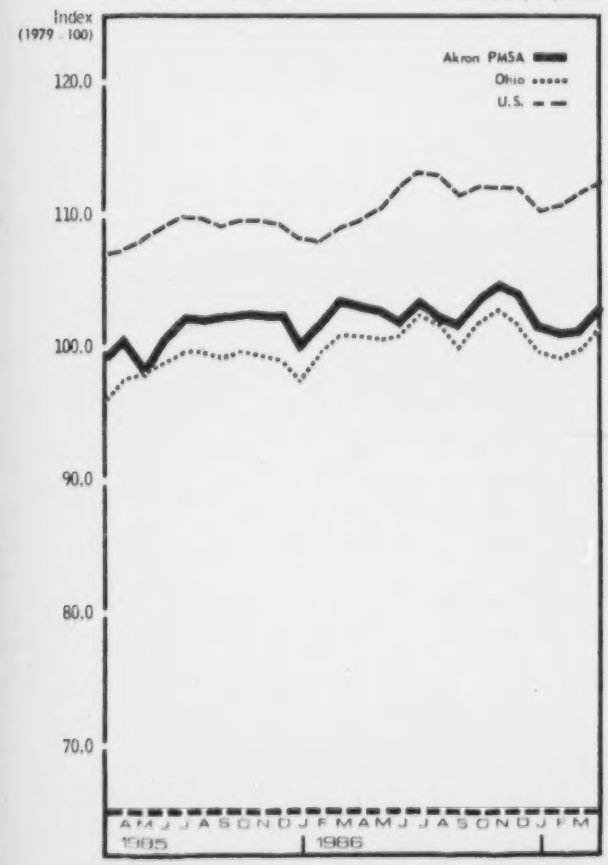
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



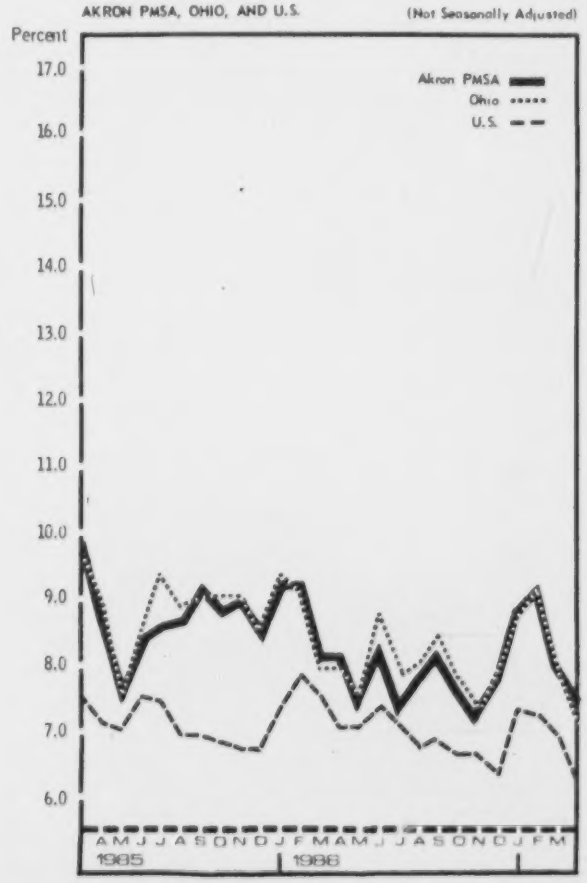
Nonagricultural wage and salary employment for the Akron area totaled 266,700 in May, an expansion of 3,300 from April. Nonmanufacturing industries provided the improvement in employment. Seasonal increases in services, especially amusement and recreation services, construction, and retail trade added 2,900 new jobs. Manufacturing employment remained unchanged at 64,600. Production workers in manufacturing averaged a 43.0 hour workweek, unchanged from the previous month. Average hourly earnings, at $11.26, was up slightly from April.

Nonagricultural wage and salary employment advanced 4,700 between May 1986 and May 1987. Nonmanufacturing divisions registered substantial advancements in employment. Major growth in services, retail trade, and construction contributed to the expansion. Drastic losses in rubber and miscellaneous plastics products, primarily tires and inner tubes, and declines in fabricated metal products and nonelectrical machinery accounted for the reduction of 2,600 manufacturing jobs over the year.

INDEXES OF TOTAL EMPLOYMENT
AKRON PMSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



UNEMPLOYMENT RATES
AKRON PMSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



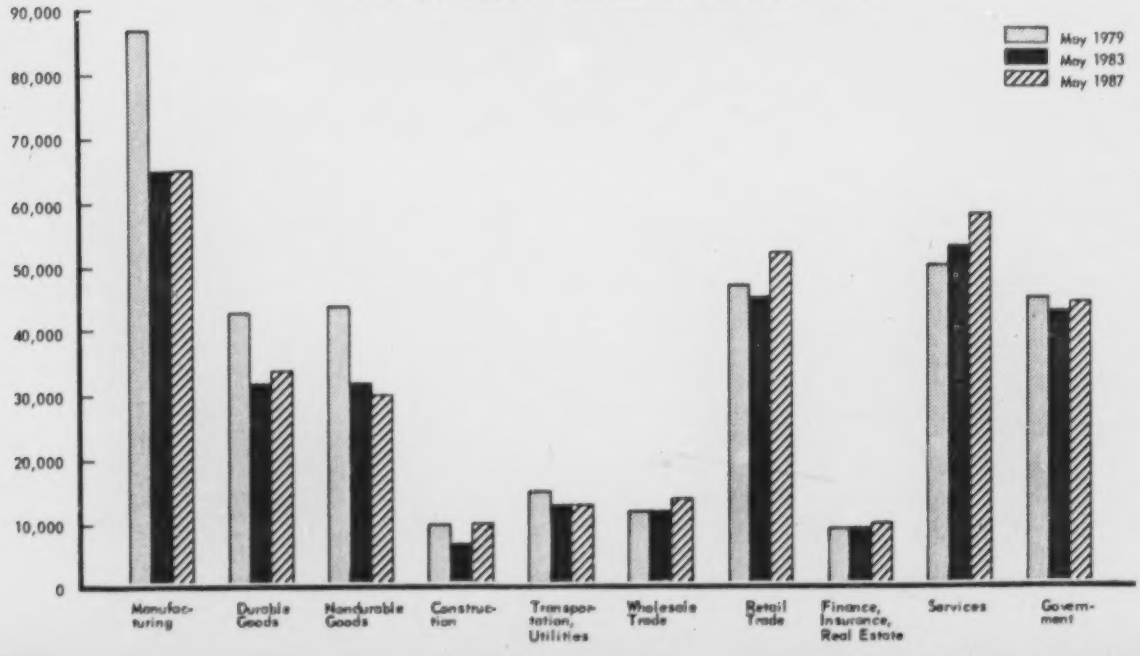
Akron PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
291.3	266.3	25.0	8.6	1976	247.3	80.3	44.5	$253.44	42.1	$ 6.02
294.2	274.7	19.5	6.6	1977	259.3	85.6	49.2	285.53	42.3	6.75
298.9	282.2	16.7	5.6	1978	266.6	85.9	49.4	304.14	42.3	7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.73
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.5	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
317.8	289.9	28.0	8.8	1985	257.6	68.1	37.3	475.20	43.2	11.00
319.5	293.9	25.6	8.0	1986	260.0	66.8	36.2	484.70	43.2	11.22
				1986						
320.2	294.2	26.1	8.1	April	259.0	67.1	36.5	476.87	43.0	11.09
317.3	293.7	23.6	7.4	May	262.0	67.2	36.5	475.58	43.0	11.06
318.0	291.7	26.3	8.3	June	259.8	67.5	36.6	492.12	43.9	11.21
319.0	295.9	23.2	7.3	July	257.6	66.5	35.7	472.86	42.6	11.10
317.2	292.5	24.7	7.8	August	257.1	66.1	35.6	491.81	43.6	11.28
317.0	291.0	26.1	8.2	September	263.9	66.7	36.3	490.16	43.3	11.32
320.4	296.2	24.3	7.6	October	263.9	66.5	36.0	488.91	43.0	11.37
323.4	300.2	23.2	7.2	November	265.7	66.7	36.2	491.62	43.2	11.38
322.9	297.8	25.2	7.8	December	266.4	67.0	36.3	498.08	43.5	11.45
				1987						
318.2	290.0	28.1	8.8	January	259.5	66.6	36.2	489.62	43.1	11.36
318.0	288.7	29.2	9.2	February	259.2	66.2	35.9	487.05	42.5	11.46
314.4	289.3	25.1	8.0	March	260.5	65.2	35.4	483.64	42.8	11.30
317.5	294.0	23.5	7.4	April	263.4	64.7	34.9	483.75	43.0	11.25
INA	INA	INA	INA	May	266.7	64.6	35.2	484.18	43.0	11.26

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Akron PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	May 1987[b]	April 1987[c]	May 1986[c]	From Last Month	From Last Year
TOTAL	266.7	263.4	262.0	3.3	4.7
MANUFACTURING	64.6	64.7	67.2	.0	-2.6
Durable Goods[e]	34.2	34.0	35.2	.3	-1.0
Fabricated metal products	12.4	12.3	13.2	.1	- .7
Machinery, except electrical	9.1	8.9	9.5	.2	- .4
Metalworking machinery	3.0	3.0	3.1	.0	- .1
Nondurable Goods[f]	30.4	30.7	32.0	- .3	-1.6
Food and kindred products	2.7	2.7	2.7	.0	.0
Chemicals and allied products	2.9	2.9	2.9	.0	.0
Rubber and misc. plastics products	19.1	19.4	21.0	- .3	-1.9
Tires and inner tubes	11.9	12.2	14.0	- .3	-2.1
NONMANUFACTURING[g]	202.1	198.8	194.8	3.3	7.3
CONSTRUCTION	10.0	9.0	8.7	1.0	1.3
TRANSPORTATION AND PUBLIC UTILITIES	13.2	13.2	12.9	.0	.3
Communication, electric, gas services	5.4	5.4	5.3	.0	.1
WHOLESALE TRADE	13.7	13.7	13.4	.1	.3
RETAIL TRADE	51.9	51.3	49.9	.5	2.0
General merchandise stores	6.4	6.4	6.2	.0	.2
FINANCE, INSURANCE, AND REAL ESTATE	10.4	10.4	10.0	.0	.4
Banking	3.1	3.1	3.1	.0	.0
SERVICES	57.8	56.3	55.6	1.4	2.1
Business services	10.9	10.7	10.1	.2	.8
Amusement and recreation services	3.5	2.7	3.6	.8	- .1
Health services	17.8	17.7	17.4	.1	.4
GOVERNMENT	44.4	44.1	43.6	.3	.8
State government	15.9	15.8	15.1	.1	.8
State government education[i]	12.9	12.9	12.2	.0	.7
State government, except education	3.0	2.9	2.9	.1	.0
Local government	26.1	26.0	26.1	.1	.0
Local government education	14.5	14.5	14.3	.1	.3
Local government, except education	11.6	11.5	11.8	.1	- .3

Hours & Earnings of Production or Nonsupervisory Workers[a]

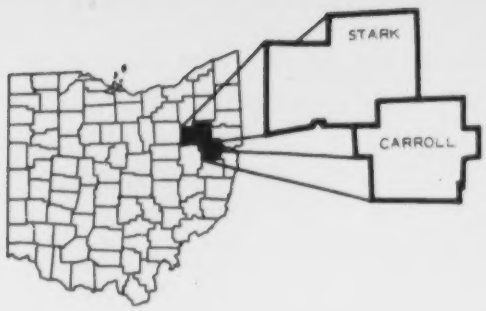
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1987[b]	April 1987[c]	May 1986[c]	May 1987[b]	Apr. 1987[c]	May 1986[c]	May 1987[b]	Apr. 1987[c]	May 1986[c]
MANUFACTURING	$484.18	$483.75	$475.58	43.0	43.0	43.0	$11.26	$11.25	$11.06
Durable Goods[e]	510.85	501.70	492.50	43.7	43.4	43.7	11.69	11.56	11.27
Fabricated metal products	612.48	593.28	607.93	44.0	43.4	45.3	13.92	13.67	13.42
Machinery, except electrical	478.38	476.32	437.68	46.4	46.2	44.3	10.31	10.31	9.86
Metalworking machinery	476.89	455.96	453.62	46.8	45.1	46.1	10.19	10.11	9.84
Nondurable Goods[f]	443.72	456.65	451.08	41.9	42.4	42.0	10.59	10.77	10.74
Food and kindred products	452.03	481.57	441.29	41.7	44.1	40.3	10.84	10.92	10.95
Chemicals and allied products	460.22	481.12	454.43	40.8	41.8	41.5	11.28	11.51	10.95
Rubber and misc. plastics products	452.82	483.56	483.96	42.8	44.0	43.6	10.58	10.99	11.10
Tires and inner tubes	649.28	740.84	704.71	43.9	48.9	48.5	14.79	15.15	14.53
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	559.01	551.91	530.55	41.5	41.5	40.5	13.47	13.54	13.10
WHOLESALE TRADE	320.89	329.28	329.09	37.4	38.2	38.4	8.58	8.62	8.57
RETAIL TRADE[h]	196.24	197.82	190.93	31.6	31.5	31.3	6.21	6.28	6.10

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	May 1987	April 1987	May 1986
Employment Service Program			
New Applicants	2,513	2,428	2,534
Active File of Job Seekers	15,027	20,989	23,298
Referrals to Jobs	1,491	1,256	1,534
Placements	504	256	227
Job Openings Received	835	1,181	1,215
Job Openings Unfilled	2,010	2,076	1,864
Unemployment Insurance Program			
Initial Claims	2,656	3,109	2,971
Continued Claims	28,180	37,262	30,163
First Payments	1,203	1,338	1,231
Last Payments	524	524	653
Weeks Compensated	23,520	31,956	25,993
Benefits Paid	$3,531,985	$4,798,764	$3,762,692
Average Weekly Payment	$153.37	$153.63	$148.46

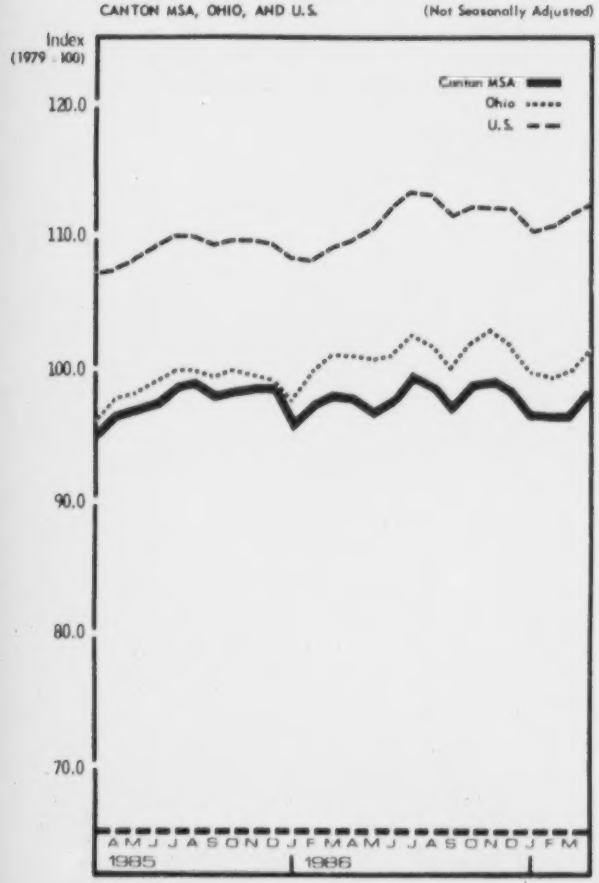
CANTON METROPOLITAN STATISTICAL AREA



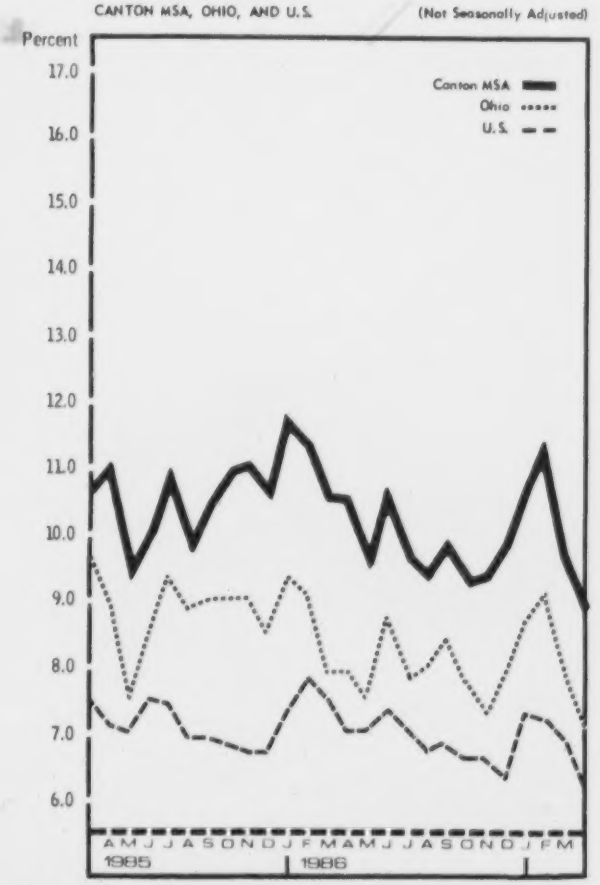
Nonagricultural wage and salary employment in the Canton metropolitan area totaled 155,500 in May, an improvement of 1,600 from April. Seasonal increases in construction, retail trade, local government, and services contributed to the growth in nonmanufacturing. Manufacturing employment fell slightly, to 42,600. Manufacturing production workers averaged a 42.3 hour workweek at $11.49 per hour, up .8 hours and $.14 respectively, from April.

Since May 1986, nonfarm wage and salary employment advanced 2,900. Substantial increases in retail trade, services, and construction paced the upswing in nonmanufacturing employment. Significant declines in fabricated metal products, especially metal forgings and stampings, contributed to the reduction of 1,600 manufacturing jobs.

INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



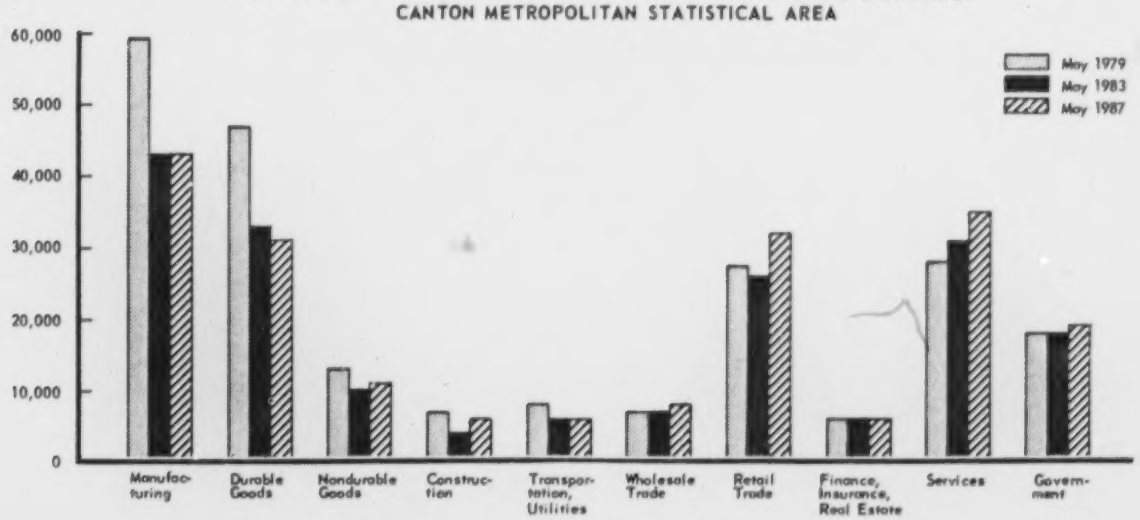
Canton MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
174.4	158.6	15.8	9.1	1976	145.9	54.8	40.4	$244.73	39.6	$ 6.18
175.9	163.1	12.9	7.3	1977	149.8	56.0	41.1	273.14	39.7	6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	304.67	40.3	7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.8	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.5	169.5	20.0	10.6	1985	151.5	46.2	33.8	435.81	39.8	10.95
190.3	171.0	19.4	10.2	1986	151.8	43.5	30.9	451.76	40.3	11.21
				1986						
190.6	170.7	19.9	10.5	April	151.1	44.0	31.4	442.89	39.9	11.10
188.2	170.1	18.0	9.6	May	152.6	44.2	31.6	444.09	39.9	11.13
191.0	170.6	20.4	10.7	June	153.3	44.6	31.9	446.88	39.9	11.20
192.4	173.8	18.6	9.7	July	152.7	44.0	31.3	449.52	40.1	11.21
190.1	172.2	17.9	9.4	August	152.8	44.2	31.5	448.48	39.9	11.24
187.2	168.6	18.6	9.9	September	153.8	44.0	31.4	447.75	39.8	11.25
190.2	172.4	17.7	9.3	October	149.7	38.7	26.2	445.61	40.4	11.03
191.1	173.2	18.0	9.4	November	154.2	43.0	30.5	471.33	41.2	11.44
190.3	171.5	18.7	9.9	December	154.4	42.8	30.2	476.94	41.8	11.41
				1987						
188.2	168.1	20.1	10.7	January	151.3	42.7	30.2	483.19	42.2	11.45
189.2	167.6	21.6	11.4	February	151.2	42.9	30.2	476.70	42.0	11.35
185.7	167.6	18.1	9.7	March	151.7	42.7	30.1	477.12	42.0	11.36
187.4	170.7	16.7	8.9	April	153.9	42.7	30.2	471.03	41.5	11.35
INA	INA	INA	INA	May	155.5	42.6	30.1	486.03	42.3	11.49

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



Canton MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	May 1987[b]	April 1987[c]	May 1986[c]	From Last Month	From Last Year
TOTAL	155.5	153.9	152.6	1.6	2.9
MANUFACTURING	42.6	42.7	44.2	- .1	-1.6
Durable Goods[e]	31.4	31.5	33.0	- .1	-1.5
Primary metal industries	10.2	10.2	10.3	.0	- .1
Fabricated metal products	6.2	6.4	7.1	- .1	- .9
Metal forgings and stampings	2.1	2.1	2.6	.0	- .5
Nondurable Goods[f]	11.2	11.2	11.2	.0	- .1
Food and kindred products	3.8	3.8	3.6	.0	.2
Rubber and misc. plastics products	2.6	2.6	2.8	.0	- .2
NONMANUFACTURING[g]	113.0	111.2	108.4	1.8	4.6
CONSTRUCTION	6.3	5.7	5.4	.6	.8
TRANSPORTATION AND PUBLIC UTILITIES	6.0	6.0	5.8	.0	.2
Communication, electric, gas services	2.7	2.7	2.7	.0	.0
WHOLESALE TRADE	7.9	8.0	7.9	- .1	.0
Wholesale trade-durable goods	4.5	4.5	4.5	.0	.0
RETAIL TRADE	31.6	31.1	30.0	.5	1.6
General merchandise stores	3.9	3.8	3.6	.0	.2
Food stores	5.1	5.1	5.0	.0	.2
FINANCE, INSURANCE, AND REAL ESTATE	6.5	6.5	6.4	.0	.1
Banking	1.9	1.9	1.9	.0	.0
SERVICES	34.7	34.4	33.4	.2	1.3
Health services	14.8	14.8	14.2	.0	.6
GOVERNMENT	19.0	18.5	18.4	.5	.6
State government (includes education)	1.8	1.8	1.7	.0	.0
Local government	15.8	15.3	15.3	.5	.5
Local government education	9.5	9.3	9.2	.2	.3
Local government, except education	6.3	6.0	6.1	.3	.2

Hours & Earnings of Production or Nonsupervisory Workers[a]

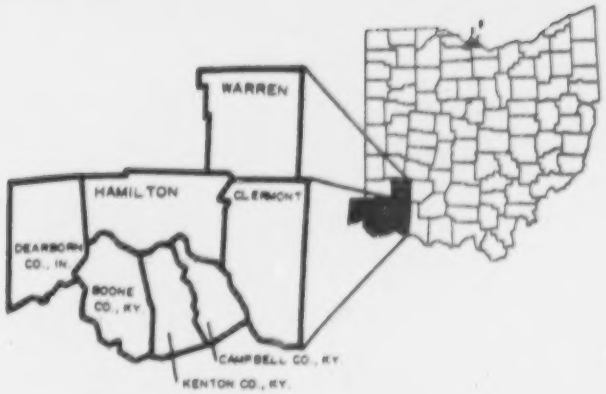
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1987[b]	April 1987[c]	May 1986[c]	May 1987[b]	Apr. 1987[c]	May 1986[c]	May 1987[b]	Apr. 1987[c]	May 1986[c]
MANUFACTURING	$486.03	$471.03	$444.09	42.3	41.5	39.9	$11.49	$11.35	$11.13
Durable Goods[e]	512.74	494.08	461.60	42.8	41.8	40.0	11.98	11.82	11.54
Primary metal industries	618.35	574.65	481.43	45.5	43.9	38.7	13.59	13.09	12.44
Fabricated metal products	475.90	472.56	517.02	41.6	41.2	42.8	11.44	11.47	12.08
Metal forgings and stampings	597.78	630.84	674.78	41.0	42.0	43.2	14.58	15.02	15.62
Nondurable Goods[f]	406.55	402.35	387.50	40.9	40.6	39.5	9.94	9.91	9.81
Food and kindred products	448.97	433.88	430.77	42.8	41.8	40.6	10.49	10.38	10.61
Rubber and misc. plastics products	418.97	428.82	424.15	41.4	42.0	41.3	10.12	10.21	10.27
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	556.43	540.70	503.20	41.9	40.9	40.0	13.28	13.22	12.58
WHOLESALE TRADE	371.86	364.93	341.40	37.6	37.2	35.6	9.89	9.81	9.59
RETAIL TRADE[h]	157.14	154.94	154.98	29.1	28.8	28.7	5.40	5.38	5.40

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile mill products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	May 1987	April 1987	May 1986
Employment Service Program			
New Applicants	1,104	1,416	1,623
Active File of Job Seekers	13,112	15,780	19,984
Referrals to Jobs	1,198	1,090	973
Placements	185	163	293
Job Openings Received	1,234	368	591
Job Openings Unfilled	1,304	472	466
Unemployment Insurance Program			
Initial Claims	1,990	2,733	2,536
Continued Claims	18,630	25,585	23,562
First Payments	855	840	1,025
Last Payments	330	510	639
Weeks Compensated	15,335	21,305	22,902
Benefits Paid	$2,222,479	$3,181,054	$3,385,740
Average Weekly Payment	$149.72	$152.70	$151.36

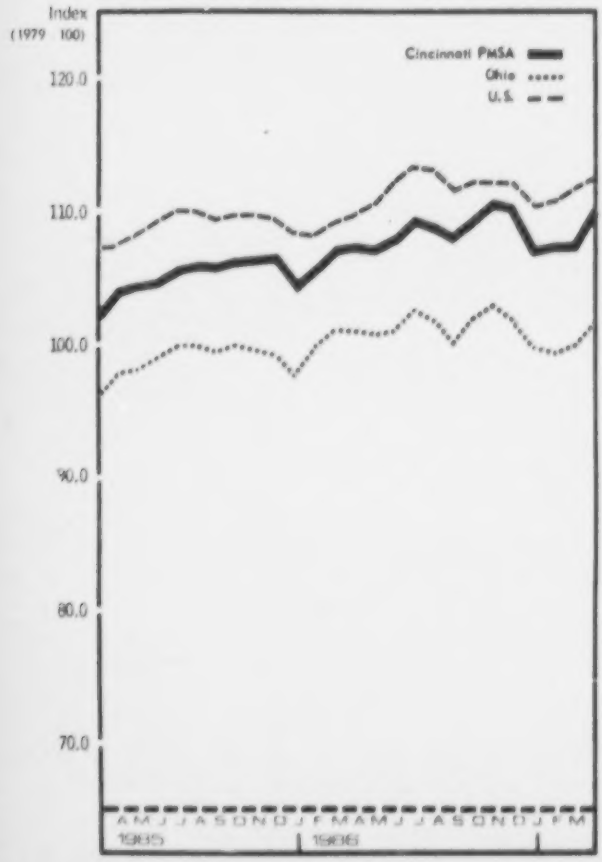
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



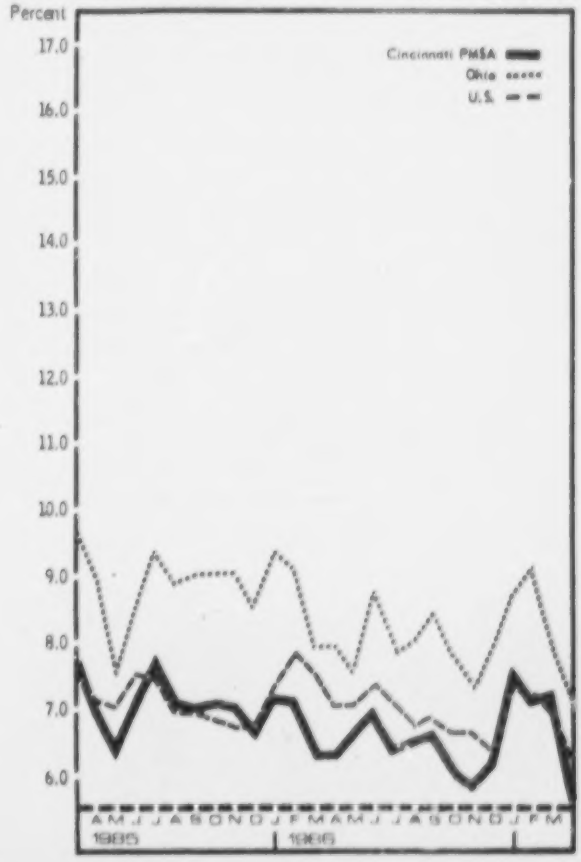
Nonfarm wage and salary employment in the Cincinnati metropolitan area was 678,300 in May, up 6,500 from April. Nonmanufacturing employment increased 6,100, to 530,400, with seasonal growth in services, especially amusement and recreation services; construction; and retail trade. Manufacturing employment, at 148,000, was 400 above the April level, with scattered growth noted. Factory production workers earned an average of $11.01 per hour, little changed from April. Their average workweek was 42.3 hours, up .5 hours.

Since May 1986, nonfarm employment rose 29,400. Although all nonmanufacturing industries recorded gains, significant growth was noted in services, especially health and business services, and in retail trade. Manufacturing employment increased 3,800 over the year, with growth in transportation equipment more than offsetting losses in nonelectrical machinery.

INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



Cincinnati PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
604.8	566.6	38.2	6.3	1976	541.9	155.6	107.8	$232.22	41.1	$ 5.65
623.4	588.7	34.7	5.6	1977	562.1	161.1	110.7	260.83	41.6	6.27
648.3	615.8	32.5	5.0	1978	591.2	169.2	116.4	286.70	42.1	6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.8	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
684.3	612.4	71.9	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
695.9	638.4	57.5	8.3	1984	600.8	145.0	96.5	441.41	41.8	10.56
710.6	659.1	51.5	7.2	1985	628.1	147.1	96.8	441.74	41.4	10.67
726.5	679.4	47.2	6.5	1986	651.2	147.9	95.7	453.00	42.1	10.76
				1986						
721.9	676.4	45.5	6.3	April	644.9	147.0	94.4	441.74	41.4	10.67
721.6	673.3	48.3	6.7	May	649.0	144.2	91.8	444.56	41.9	10.61
730.2	679.4	50.8	7.0	June	654.5	147.9	95.5	443.69	41.7	10.64
734.7	687.5	47.2	6.4	July	652.6	147.5	95.1	444.94	41.7	10.67
730.4	683.1	47.3	6.5	August	655.3	148.7	96.6	452.81	42.2	10.73
725.7	678.0	47.7	6.6	September	663.3	149.3	97.2	456.84	42.3	10.80
733.0	689.2	43.7	6.0	October	665.5	149.2	97.1	459.00	42.5	10.80
738.8	696.2	42.5	5.8	November	667.5	149.4	97.3	474.57	43.3	10.96
738.5	693.0	45.5	6.2	December	669.1	148.8	96.3	472.14	43.0	10.98
				1987						
727.5	671.9	55.6	7.6	January	650.8	144.3	91.8	458.53	42.3	10.84
726.9	675.2	51.6	7.1	February	655.2	147.2	94.6	467.25	42.4	11.02
727.0	675.0	52.0	7.2	March	657.2	143.9	91.6	462.40	42.5	10.88
731.9	691.0	40.8	5.6	April	671.8	147.5	95.3	459.38	41.8	10.99
INA	INA	INA	INA	May	678.3	148.0	95.5	465.72	42.3	11.01

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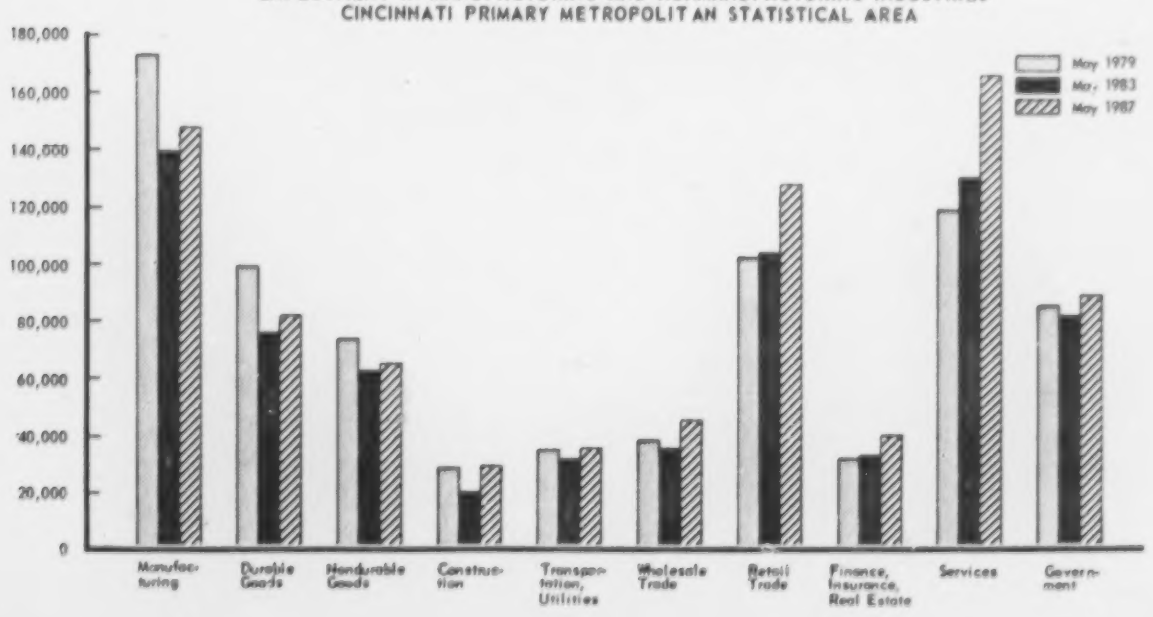
EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Cincinnati PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	May 1987[b]	April 1987[c]	May 1986[c]	From Last Month	From Last Year
TOTAL	678.3	671.8	649.0	6.5	29.4
MANUFACTURING	148.0	147.5	144.2	.4	3.8
Durable Goods[e]	82.0	81.8	79.0	.2	2.9
Fabricated metal products	10.8	10.8	10.7	.0	.1
Fabricated structural metal products	4.2	4.1	3.9	.1	.3
Machinery, except electrical	19.8	19.7	21.3	.1	- 1.5
Metalworking machinery	8.2	8.1	9.1	.0	- 1.0
General industrial machinery	2.7	2.7	2.9	.0	- .3
Electric and electronic equipment	7.2	7.2	7.7	.0	- .4
Transportation equipment	28.8	28.9	24.9	.0	3.9
Motor vehicles and equipment	8.3	8.3	5.8	.0	2.6
Nondurable Goods[f]	66.0	65.7	65.2	.3	.8
Food and kindred products	13.0	12.9	12.9	.1	.0
Beverages	3.8	3.7	3.9	.1	- .1
Apparel and other textile products	3.7	3.6	3.4	.1	.3
Paper and allied products	6.7	6.6	6.0	.0	.6
Printing and publishing	13.2	13.2	13.0	.0	.2
Commercial printing	5.9	5.7	5.5	.2	.3
Chemicals and allied products	22.1	22.1	21.8	.0	.3
Rubber and misc. plastics products	5.4	5.4	5.3	.0	.1
NONMANUFACTURING[g]	530.4	524.3	504.7	6.1	25.6
CONSTRUCTION	28.8	27.2	26.0	1.6	2.8
TRANSPORTATION AND PUBLIC UTILITIES	34.6	34.6	33.6	.1	1.1
Trucking and warehousing	9.3	9.3	9.2	.0	.1
Communication, electric, gas services	15.3	15.3	14.8	.0	.5
WHOLESALE TRADE	44.6	44.4	42.4	.2	2.2
Wholesale trade-durable goods	26.8	26.6	25.4	.2	1.4
RETAIL TRADE	127.8	126.5	121.7	1.3	6.1
General merchandise stores	18.8	18.8	18.1	.0	.7
FINANCE, INSURANCE, AND REAL ESTATE	39.9	39.6	37.9	.3	2.0
Banking	8.3	8.3	8.1	.1	.2
Insurance carriers	13.1	13.0	12.3	.1	.8
SERVICES	165.6	162.9	156.1	2.7	9.5
Hotels and other lodging places	6.8	6.6	6.4	.3	.4
Personal services	8.3	8.6	7.8	- .3	.5
Business services	38.2	37.7	35.3	.6	3.0
Amusement and recreation services	9.8	8.4	9.3	1.4	.5
Health services	51.4	51.0	48.3	.4	3.1
Hospitals	24.7	24.6	23.2	.1	1.5
GOVERNMENT	88.7	88.8	86.8	- .1	1.9
Federal government	14.5	15.0	14.2	- .5	.4
State government	19.6	19.8	19.4	- .1	.2
State government education[i]	11.6	11.7	11.7	- .1	- .1
State government, except education	8.0	8.0	7.7	.0	.3
Local government	54.5	54.0	53.2	.5	1.3
Local government education	32.5	32.2	31.1	.3	1.4
Local government, except education	22.0	21.8	22.1	.2	- .1

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1987[b]	April 1987[c]	May 1986[c]	May 1987[b]	Apr. 1987[c]	May 1986[c]	May 1987[b]	April 1987[c]	May 1986[c]
MANUFACTURING	$465.72	$459.38	$444.56	42.3	41.8	41.9	$11.01	$10.99	$10.61
Durable Goods[e]	468.35	456.20	443.52	42.5	41.7	42.2	11.02	10.94	10.51
Fabricated metal products	429.79	416.13	386.34	44.4	42.9	41.1	9.68	9.70	9.40
Fabricated structural metal products	459.74	438.12	409.21	45.7	43.9	42.1	10.06	9.98	9.72
Machinery, except electrical	408.53	405.60	433.30	41.9	41.6	43.2	9.75	9.75	10.03
Metalworking machinery	446.90	441.63	480.13	42.4	42.1	43.1	10.54	10.49	11.14
General industrial machinery	417.19	408.00	415.86	44.1	44.3	44.1	9.46	9.21	9.43
Electric and electronic equipment	352.48	357.86	355.52	40.1	40.3	40.4	8.79	8.88	8.80
Transportation equipment	658.01	629.58	637.37	44.4	43.3	45.3	14.82	14.54	14.07
Motor vehicles and equipment	700.57	686.53	749.83	44.2	43.7	47.1	15.85	15.71	15.92
Nondurable Goods[f]	463.10	462.16	446.61	42.1	41.9	41.7	11.00	11.03	10.71
Food and kindred products	485.21	493.55	468.70	43.4	43.6	43.0	11.18	11.32	10.90
Beverages	524.88	526.82	504.06	42.5	42.7	41.9	12.35	12.34	12.03
Apparel and other textile products	220.74	215.85	213.00	39.0	37.9	37.5	5.66	5.69	5.68
Paper and allied products	433.29	422.68	380.22	42.9	42.1	39.9	10.10	10.04	9.78
Printing and publishing	438.92	443.98	434.17	39.4	39.5	38.8	11.14	11.24	11.19
Commercial printing	471.13	478.70	470.77	41.4	42.4	40.1	11.38	11.29	11.74
Chemicals and allied products	547.41	548.26	527.72	42.7	42.9	42.8	12.82	12.78	12.33
Rubber and misc. plastics products	439.63	417.69	439.45	45.7	44.2	46.7	9.62	9.45	9.41
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	525.10	531.07	514.69	39.6	39.9	39.5	13.26	13.31	13.03
WHOLESALE TRADE	392.45	382.40	383.26	40.5	40.0	40.6	9.69	9.56	9.44
RETAIL TRADE[h]	159.59	162.43	159.72	28.6	28.8	29.2	5.58	5.64	5.47
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	258.35	258.42	249.10	....	....	....	.....	.....	.....

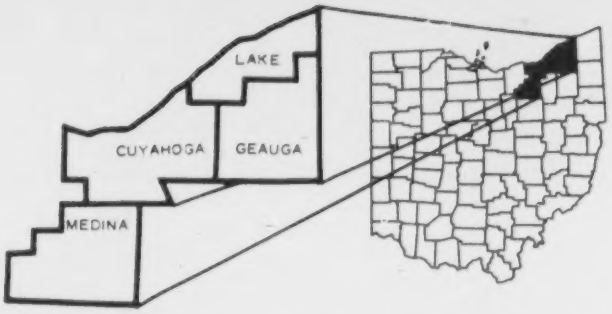
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; food stamps not included. [i]Includes State universities. Excludes hospitals; the agricultural extension service; and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities[a]

	May 1987	April 1987	May 1986
Employment Service Program			
New Applicants	2,464	2,961	3,744
Active File of Job Seekers	15,202	20,842	29,755
Referrals to Jobs	2,015	1,964	2,329
Placements	441	375	653
Job Openings Received	1,353	1,970	1,336
Job Openings Unfilled	3,258	2,909	2,284
Unemployment Insurance Program			
Initial Claims	3,120	4,485	6,820
Continued Claims	36,331	48,079	45,663
First Payments	1,432	1,565	2,706
Last Payments	663	667	779
Weeks Compensated	32,116	37,031	41,248
Benefits Paid	$4,600,603	$5,353,082	$6,235,295
Average Weekly Payment	$146.16	$147.46	$153.77

[a]Ohio data only

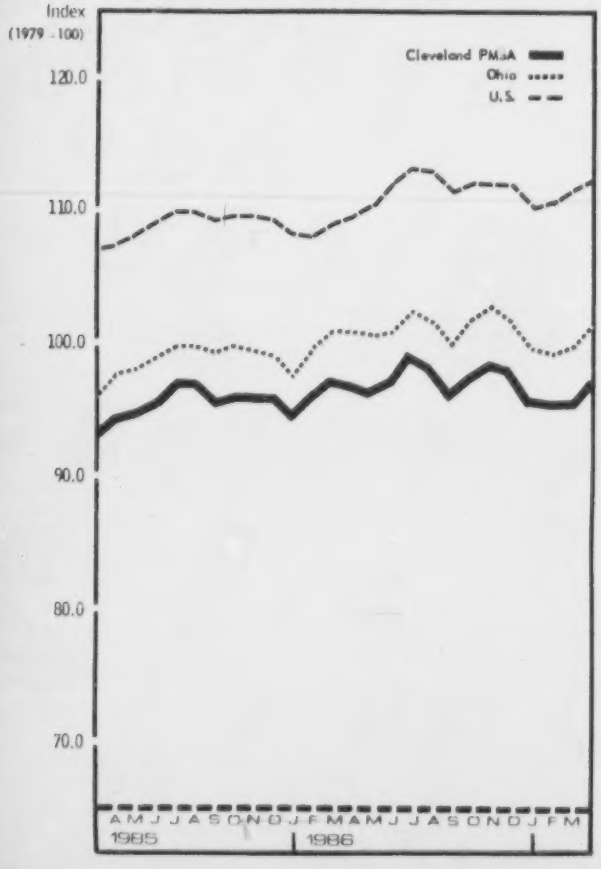
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



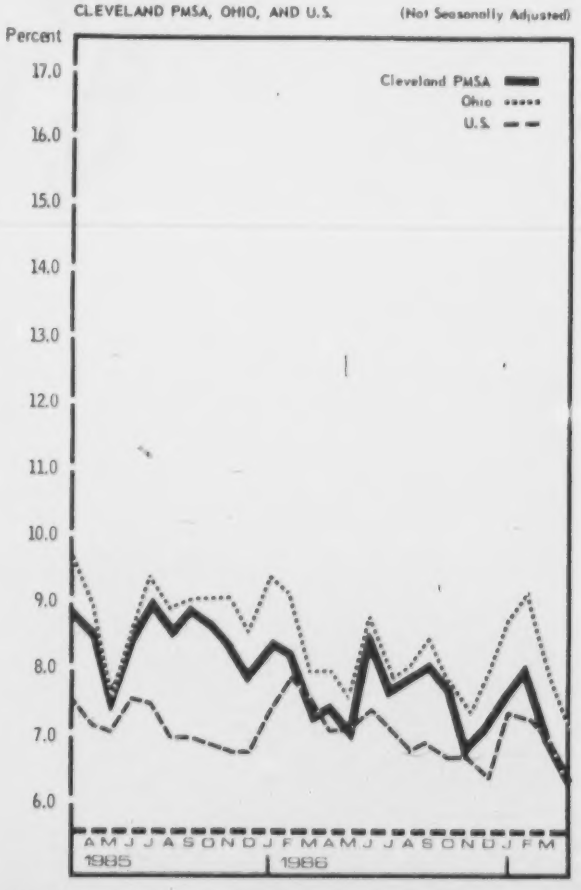
Cleveland area nonagricultural wage and salary employment advanced 7,500 from the April level, to 900,900 in May. The nonmanufacturing sector comprised 98.7 percent of the gain, with 7,400 more jobs. Seasonal growth in retail trade, construction, and amusement and recreation services contributed most, although all nonmanufacturing industries showed increases. Manufacturing employment rose slightly, to 203,900. Most of the gain in nondurable-goods industries was negated by declines in motor vehicles and equipment and metalworking machinery. Factory production workers earned an average of $11.58 per hour, little changed from April. They worked a slightly longer workweek of 42.8 hours.

Total nonfarm employment increased 20,300 since May 1986. Service-related industries, especially business services and health services, were primariiy responsible for the gain. Significant advances were also noted in retail trade, finance, insurance, and real estate, and government. Although printing and publishing gained 1,000 jobs during the period, total manufacturing employment dropped 2,300. Noteworthy declines were registered in instruments and related products, nonelectrical machinery, and transportation and equipment.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



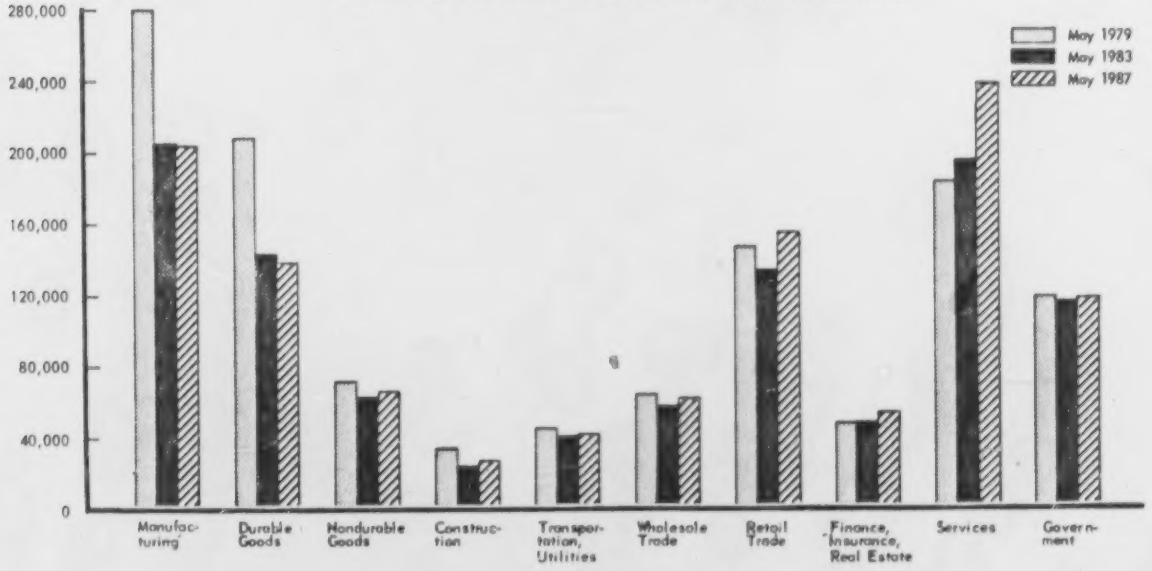
Cleveland PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
897.7	834.4	63.3	7.0	1976	860.0	265.1	180.9	$260.62	41.9	$ 6.22
908.5	854.4	54.0	5.9	1977	880.9	270.8	184.0	292.75	42.8	6.84
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	321.75	42.9	7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.2	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.6	841.0	82.6	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
926.0	849.2	76.8	8.3	1985	868.7	211.2	135.1	467.74	41.8	11.19
934.3	864.1	70.2	7.5	1986	880.8	205.5	132.0	481.62	42.1	11.44
				1986						
929.7	862.1	67.6	7.3	April	874.0	206.3	133.3	479.76	41.9	11.45
919.8	857.4	62.4	6.8	May	880.6	206.1	133.2	472.69	41.5	11.39
944.5	865.6	78.9	8.4	June	890.8	207.4	133.4	480.36	42.1	11.41
954.6	883.1	71.6	7.5	July	889.6	204.7	130.6	456.75	40.6	11.25
945.4	872.8	72.6	7.7	August	887.6	204.1	130.2	479.94	42.1	11.40
925.5	851.9	73.5	7.9	September	889.4	205.5	131.6	485.06	42.4	11.44
939.0	868.2	70.8	7.5	October	890.6	203.8	129.8	480.36	42.1	11.41
939.3	877.3	62.0	6.6	November	893.9	205.2	131.4	500.39	43.1	11.61
935.9	870.4	65.5	7.0	December	896.5	205.4	131.6	505.61	43.4	11.65
				1987						
920.6	851.9	68.7	7.5	January	877.6	203.9	130.6	503.84	43.1	11.69
921.8	848.5	73.4	8.0	February	876.0	203.6	130.4	493.64	42.3	11.67
914.3	850.9	63.4	6.9	March	881.0	203.6	130.7	498.07	42.9	11.61
922.9	864.9	58.0	6.3	April	893.4	203.8	130.9	494.89	42.7	11.59
INA	INA	INA	INA	May	900.9	203.9	130.5	495.62	42.8	11.58

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Cleveland PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	May 1987[b]	April 1987[c]	May 1986[c]	From Last Month	From Last Year
TOTAL	900.9	893.4	880.6	7.5	20.3
MANUFACTURING	203.9	203.8	206.1	.1	- 2.3
Durable Goods[e]	138.3	138.9	142.3	- .6	- 4.1
Primary metal industries	21.0	21.1	21.5	- .1	- .4
Iron and steel foundries	5.3	5.3	5.6	- .1	- .3
Fabricated metal products	32.6	32.5	32.6	.1	.0
Fabricated structural metal products	3.7	3.7	3.9	.0	- .2
Screw machine products, bolts, etc.	4.8	4.7	4.7	.1	.1
Metal forgings and stampings	11.5	11.5	11.1	.0	.4
Machinery, except electrical	29.7	29.9	30.9	- .1	- 1.2
Construction and related machinery	2.4	2.5	2.5	- .1	- .1
Metalworking machinery	9.8	9.9	10.1	- .2	- .4
Special industry machinery	3.3	3.3	3.3	.0	.0
General industrial machinery	2.7	2.7	2.9	.0	- .3
Electric and electronic equipment	19.0	19.0	19.5	- .1	- .5
Electrical industrial apparatus	6.5	6.5	6.9	.0	- .4
Transportation equipment	19.0	19.4	19.9	- .4	- 1.0
Motor vehicles and equipment	12.0	12.3	12.6	- .4	- .7
Instruments and related products	6.3	6.5	7.8	- .2	- 1.4
Measuring and controlling devices	4.1	4.1	4.2	.0	- .1
Nondurable Goods[f]	65.6	64.9	63.8	.7	1.8
Food and kindred products	6.8	6.7	6.6	.1	.2
Apparel and other textile products	4.2	4.2	4.4	.0	- .2
Paper and allied products	5.6	5.5	5.4	.1	.2
Printing and publishing	16.9	16.8	15.9	.1	1.0
Chemicals and allied products	14.8	14.7	14.4	.1	.4
Rubber and misc. plastics products	12.1	12.0	11.8	.1	.3
NONMANUFACTURING[g]	697.0	689.6	674.4	7.4	22.6
CONSTRUCTION	26.9	25.1	26.2	1.8	.7
TRANSPORTATION AND PUBLIC UTILITIES	41.7	41.5	41.0	.1	.6
Trucking and warehousing	12.1	12.0	11.2	.1	.8
Communication, electric, gas services	18.4	18.6	18.6	- .1	- .2
WHOLESALE TRADE	62.3	62.2	62.4	.1	- .1
Wholesale trade-durable goods	43.2	43.1	43.6	.2	- .4
RETAIL TRADE	155.3	153.2	150.3	2.1	5.0
General merchandise stores	20.1	19.8	19.8	.3	.3
FINANCE, INSURANCE, AND REAL ESTATE	54.3	54.0	51.4	.3	2.9
Banking	13.3	13.3	12.9	.0	.4
Credit agencies other than banks	9.1	9.1	8.4	.1	.8
Insurance carriers	13.1	13.0	12.4	.1	.8
SERVICES	237.7	235.1	225.4	2.6	12.3
Business services	53.5	53.0	49.3	.5	4.2
Amusement and recreation services	9.1	7.9	9.2	1.2	.0
Health services	74.6	74.1	71.1	.4	3.5
Hospitals	43.2	43.0	40.5	.2	2.7
GOVERNMENT	117.9	117.6	116.5	.3	1.4
Federal government	20.5	20.3	20.0	.1	.5
State government	8.3	8.8	7.9	- .6	.4
State government education[h]	3.0	3.3	2.9	- .2	.2
State government, except education	5.2	5.5	5.0	- .3	.2
Local government	89.2	88.4	88.6	.8	.6
Local government education	43.1	42.8	43.1	.3	.0
Local government, except education	46.1	45.7	45.5	.5	.7

Hours & Earnings of Production or Nonsupervisory Workers[a]

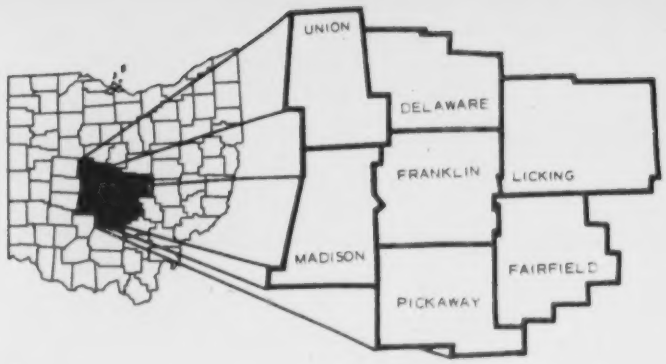
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1987[b]	April 1987[c]	May 1986[c]	May 1987[b]	Apr. 1987[c]	May 1986[c]	May 1987[b]	Apr. 1987[c]	May 1986[c]
MANUFACTURING	$495.62	$494.89	$472.69	42.8	42.7	41.5	$11.58	$11.59	$11.39
Durable Goods[e]	524.17	528.26	503.94	43.0	43.3	42.1	12.19	12.20	11.97
Primary metal industries	618.80	639.40	564.81	45.4	46.3	41.9	13.63	13.81	13.48
Iron and steel foundries	843.68	873.44	789.71	50.1	51.5	48.3	16.84	16.96	16.35
Fabricated metal products	531.19	529.00	492.69	43.9	43.9	42.4	12.10	12.05	11.62
Fabricated structural metal products	398.58	401.54	378.48	42.0	42.9	41.5	9.49	9.36	9.12
Screw machine products, bolts, etc.	475.15	468.72	431.88	44.2	43.4	42.3	10.75	10.80	10.21
Metal forgings and stampings	676.37	678.83	643.47	46.2	46.4	44.5	14.64	14.63	14.46
Machinery, except electrical	464.80	481.08	458.81	41.5	42.2	41.9	11.20	11.40	10.95
Construction and related machinery	421.34	396.49	402.41	46.2	44.4	41.4	9.12	8.93	9.72
Metalworking machinery	410.40	411.77	413.09	40.0	39.9	40.9	10.26	10.32	10.10
Special industry machinery	458.83	467.67	464.80	38.3	39.3	40.0	11.98	11.90	11.62
General industrial machinery	498.52	491.00	472.06	44.0	43.8	44.2	11.33	11.21	10.68
Electric and electronic equipment	436.30	427.43	412.09	40.7	40.4	39.7	10.72	10.58	10.38
Electrical industrial apparatus	480.48	469.78	435.71	42.0	41.5	39.9	11.44	11.32	10.92
Transportation equipment	668.38	654.60	681.96	44.5	44.2	45.8	15.02	14.81	14.89
Motor vehicles and equipment	696.64	678.26	709.35	44.4	43.9	45.5	15.69	15.45	15.59
Instruments and related products	393.74	383.13	396.73	41.1	40.5	40.9	9.58	9.46	9.70
Measuring and controlling devices	400.55	391.15	381.10	40.5	40.2	40.2	9.89	9.73	9.48
Nondurable Goods[f]	427.23	417.08	393.60	42.3	41.5	40.0	10.10	10.05	9.84
Food and kindred products	387.29	398.98	379.35	42.7	43.7	41.1	9.07	9.13	9.23
Apparel and other textile products	313.22	313.63	284.50	39.3	39.6	36.9	7.97	7.92	7.71
Paper and allied products	504.85	459.98	448.59	45.4	42.2	42.4	11.12	10.90	10.58
Printing and publishing	416.23	423.31	408.34	38.9	38.8	37.6	10.70	10.91	10.86
Chemicals and allied products	517.44	507.21	469.78	44.0	43.5	41.5	11.76	11.66	11.32
Rubber and misc. plastics products	411.78	380.12	355.93	45.5	43.0	41.1	9.05	8.84	8.66
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	566.16	578.22	552.27	42.2	41.9	41.0	13.89	13.80	13.47
WHOLESALE TRADE	398.17	392.73	384.15	39.6	39.0	39.4	10.08	10.07	9.75
RETAIL TRADE[h]	181.12	180.48	176.25	28.3	28.2	28.2	6.40	6.40	6.25
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	296.82	296.43	294.21	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	338.06	337.48	329.67	32.6	32.7	33.0	10.37	10.32	9.99

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures, textile mill products, petroleum and coal products, leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	May 1987	April 1987	May 1986
Employment Service Program			
New Applicants	6,124	7,216	6,706
Active File of Job Seekers	40,415	74,707	112,886
Referrals to Jobs	2,541	2,901	2,458
Placements	872	646	635
Job Openings Received	1,231	1,544	1,961
Job Openings Unfilled	2,341	2,507	2,991
Unemployment Insurance Program			
Initial Claims	5,670	7,035	7,642
Continued Claims	60,394	78,781	73,370
First Payments	2,757	3,050	3,256
Last Payments	1,235	1,313	1,688
Weeks Compensated	53,515	69,393	66,823
Benefits Paid	$7,871,485	$10,395,470	$10,023,910
Average Weekly Payment	$149.70	$152.80	$152.56

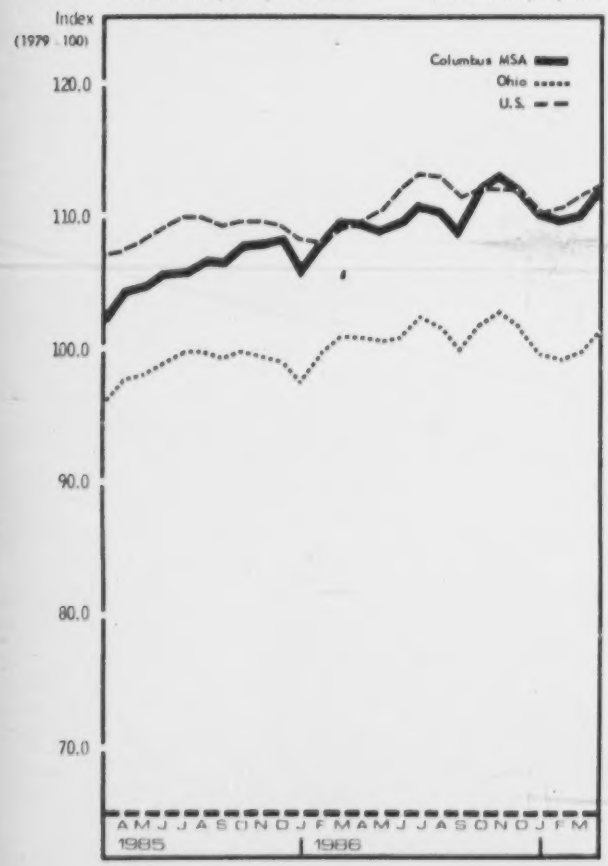
COLUMBUS METROPOLITAN STATISTICAL AREA



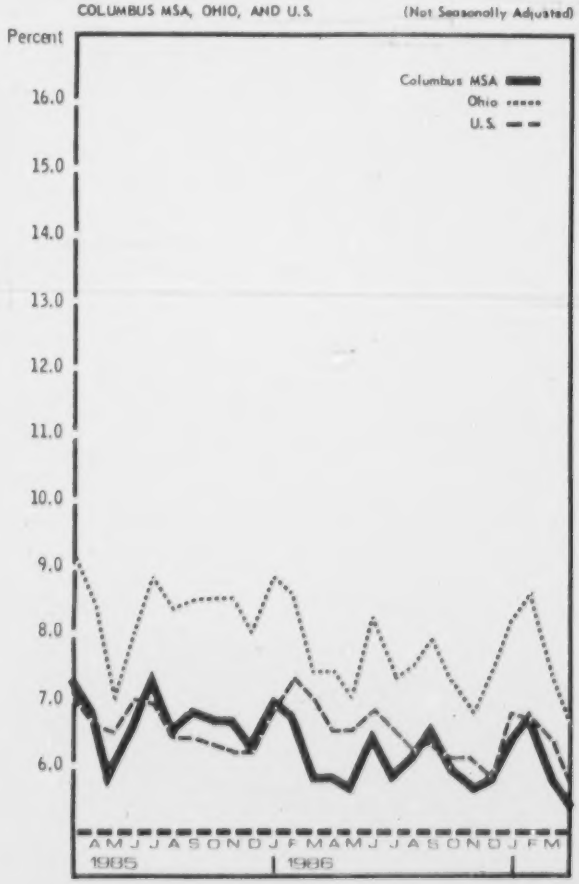
Nonagricultural wage and salary employment in the Columbus area was 656,700 in May, up 6,100 from April. Nonmanufacturing employment rose 6,200, to 553,800. Seasonal growth in services, retail trade, and construction accounted for most of the change. Manufacturing employment was unchanged at 103,000, with gains in food and kindred products offset by losses in fabricated metal products. Manufacturing production workers earned an average of $11.39 per hour, up $.04. Their average workweek was 41.7 hours, up .6 hours.

Since May 1986, nonfarm employment increased 26,500. Although all nonmanufacturing industries recorded gains, significant growth was noted in services, retail trade, and construction. Manufacturing employment declined 3,300 over the year, with noteworthy losses in stone, clay, and glass products, fabricated metal products, transportation equipment, and electric and electronic equipment. Food and kindred products advanced over the year.

INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



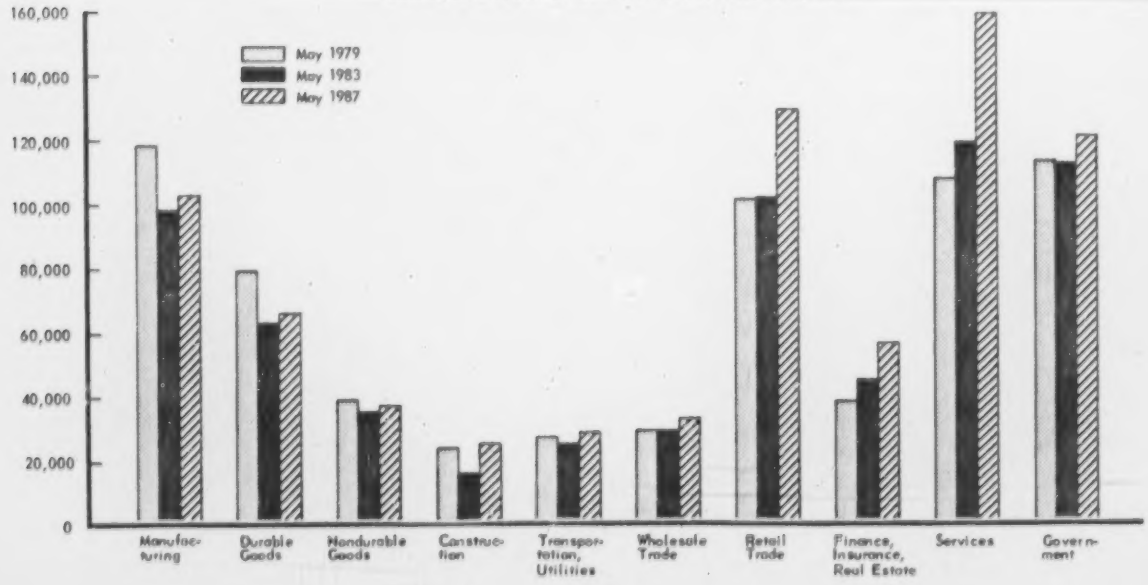
Columbus MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1976	500.0	108.1	INA	INA	INA	INA
INA	INA	INA	INA	1977	517.6	113.6	INA	INA	INA	INA
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	$426.06	40.5	$10.52
649.4	605.6	43.8	6.7	1985	603.6	106.1	70.8	442.95	40.9	10.83
675.7	634.4	41.3	6.1	1986	630.4	106.2	70.7	461.14	41.1	11.22
				1986						
671.3	632.2	39.1	5.8	April	624.3	106.6	71.3	462.44	41.4	11.17
667.4	629.7	37.7	5.6	May	630.2	106.3	70.9	461.44	41.2	11.20
676.8	632.7	44.1	6.5	June	634.1	106.2	70.7	460.43	41.0	11.23
679.6	640.1	39.5	5.8	July	628.0	106.1	70.3	458.18	40.8	11.23
679.2	637.7	41.5	6.1	August	631.9	106.3	70.6	461.66	41.0	11.26
671.2	626.7	44.4	6.6	September	638.6	107.4	71.5	465.86	41.3	11.28
687.8	647.1	40.7	5.9	October	645.0	105.2	69.5	459.82	40.8	11.27
691.1	652.3	38.7	5.6	November	648.7	106.1	70.6	467.93	41.3	11.33
686.7	646.6	40.0	5.8	December	650.5	105.9	70.4	472.79	41.4	11.42
				1987						
678.0	635.0	43.1	6.4	January	637.9	105.1	69.9	472.15	41.2	11.46
678.0	632.2	45.9	6.8	February	637.7	104.4	69.1	463.81	40.9	11.34
674.6	635.4	39.2	5.8	March	642.5	103.9	68.9	477.47	41.7	11.45
682.5	645.9	36.5	5.4	April	650.6	103.0	68.2	466.49	41.1	11.35
INA	INA	INA	INA	May	656.7	103.0	68.2	474.96	41.7	11.39

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
COLUMBUS METROPOLITAN STATISTICAL AREA



Columbus MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	May 1987[b]	April 1987[c]	May 1986[c]	From Last Month	From Last Year
TOTAL	656.7	650.6	630.2	6.1	26.5
MANUFACTURING	103.0	103.0	106.3	.0	- 3.3
Durable Goods[e]	65.7	66.0	70.1	- .3	- 4.4
Stone, clay, and glass products	10.5	10.6	11.8	- .1	- 1.3
Glass and glassware, pressed or blown	4.4	4.5	4.6	- .1	- .2
Fabricated metal products	9.0	9.3	10.2	- .3	- 1.2
Fabricated structural metal products	2.7	2.8	3.0	.0	- .3
Machinery, except electrical	9.4	9.4	9.6	.1	- .2
Electric and electronic equipment	10.6	10.7	11.4	- .1	- .8
Transportation equipment	14.8	14.8	15.9	- .1	- 1.1
Instruments and related products	4.0	4.1	4.2	.0	- .1
Nondurable Goods[f]	37.3	37.0	36.2	.3	1.1
Food and kindred products	10.4	10.1	9.9	.3	.6
Printing and publishing	9.8	9.8	9.6	- .1	.2
Chemicals and allied products	7.2	7.1	7.0	.0	.2
Rubber and misc. plastics products	5.5	5.5	5.4	.0	.2
NONMANUFACTURING[g]	553.8	547.6	523.9	6.2	29.9
CONSTRUCTION	27.2	25.7	23.9	1.5	3.3
TRANSPORTATION AND PUBLIC UTILITIES	28.5	28.5	26.3	.0	2.1
Trucking and warehousing	11.3	11.3	10.4	.0	.9
Communication, electric, gas services	12.3	12.3	11.5	.0	.8
WHOLESALE TRADE	32.7	32.7	32.0	.1	.7
Wholesale trade-durable goods	21.4	21.4	21.0	.0	.4
RETAIL TRADE	128.6	126.9	123.2	1.8	5.4
General merchandise stores	17.3	17.1	16.8	.2	.5
FINANCE, INSURANCE, AND REAL ESTATE	55.9	55.5	53.1	.3	2.8
Banking	11.7	11.7	11.2	.0	.5
Insurance carriers	21.4	21.3	20.9	.1	.5
SERVICES	158.5	156.0	145.8	2.6	12.8
Business services	36.1	35.3	32.1	.8	4.0
Health services	40.0	39.6	37.8	.4	2.2
Hospitals	17.4	17.2	16.4	.2	.9
GOVERNMENT	121.3	121.4	118.6	- .1	2.8
Federal government	15.4	15.5	15.6	- .1	- .2
State government	53.9	54.1	52.1	- .2	1.8
State government education[i]	23.4	23.5	22.7	- .1	.7
State government, except education	30.5	30.6	29.4	- .1	1.1
Local government	52.0	51.8	50.9	.1	1.1
Local government education	31.4	31.2	30.5	.2	.9
Local government, except education	20.6	20.6	20.4	.0	.2

Hours & Earnings of Production or Nonsupervisory Workers[a]

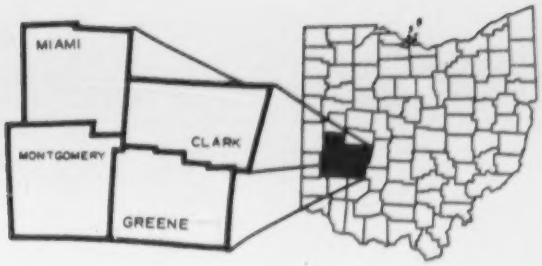
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1987[b]	April 1987[c]	May 1986[c]	May 1987[b]	Apr. 1987[c]	May 1986[c]	May 1987[b]	Apr. 1987[c]	May 1986[c]
MANUFACTURING	$474.96	$466.49	$461.44	41.7	41.1	41.2	$11.39	$11.35	$11.20
Durable Goods[e]	485.72	477.51	478.93	41.8	41.2	41.4	11.62	11.59	11.52
Stone, clay, and glass products	469.12	471.23	477.56	40.9	41.3	40.3	11.47	11.41	11.85
Glass and glassware, pressed or blown	400.30	410.94	458.34	37.8	39.1	40.1	10.59	10.51	11.43
Fabricated metal products	500.21	497.30	480.00	40.9	40.3	40.0	12.23	12.34	12.00
Fabricated structural metal products	466.73	459.13	416.87	42.2	41.4	40.2	11.06	11.09	10.37
Machinery, except electrical	455.82	420.15	398.09	42.6	39.9	38.5	10.70	10.53	10.34
Electric and electronic equipment	474.66	460.63	466.69	41.6	40.8	41.3	11.41	11.29	11.30
Transportation equipment	567.63	565.47	572.14	43.1	43.1	45.3	13.17	13.12	12.63
Instruments and related products	438.18	430.98	428.16	42.5	41.6	42.1	10.31	10.36	10.17
Nondurable Goods[f]	453.60	444.58	426.77	41.5	40.9	40.8	10.93	10.87	10.46
Food and kindred products	470.37	449.86	415.42	42.8	41.5	41.5	10.99	10.84	10.01
Printing and publishing	503.87	494.69	500.68	38.7	38.2	39.8	13.02	12.95	12.58
Chemicals and allied products	530.75	526.12	508.74	41.4	41.2	41.7	12.82	12.77	12.20
Rubber and misc. plastics products	352.67	358.52	328.45	42.8	43.3	40.4	8.24	8.28	8.13
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	571.29	570.87	535.30	41.7	41.7	40.4	13.70	13.69	13.25
WHOLESALE TRADE	341.38	344.42	324.02	38.1	38.1	38.3	8.96	9.04	8.46
RETAIL TRADE[h]	174.63	168.88	165.57	29.3	28.1	28.4	5.96	6.01	5.83
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	269.87	254.74	251.78	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	319.87	322.85	320.54	33.6	33.7	34.1	9.52	9.58	9.40

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	May 1987	April 1987	May 1986
EMPLOYMENT SERVICE PROGRAM			
New Applicants	4,389	6,249	5,315
Active File of Job Seekers	28,668	36,056	43,622
Referrals to Jobs	2,417	4,824	3,328
Placements	731	668	1,102
Job Openings Received	2,092	3,036	3,001
Job Openings Unfilled	5,552	6,461	6,442
Unemployment Insurance Program			
Initial Claims	4,096	4,833	4,818
Continued Claims	36,663	47,925	40,261
First Payments	1,910	1,802	2,035
Last Payments	907	674	870
Weeks Compensated	33,651	42,774	35,972
Benefits Paid	$5,139,393	$6,517,067	$5,215,384
Average Weekly Payment	$155.81	$155.52	$147.86

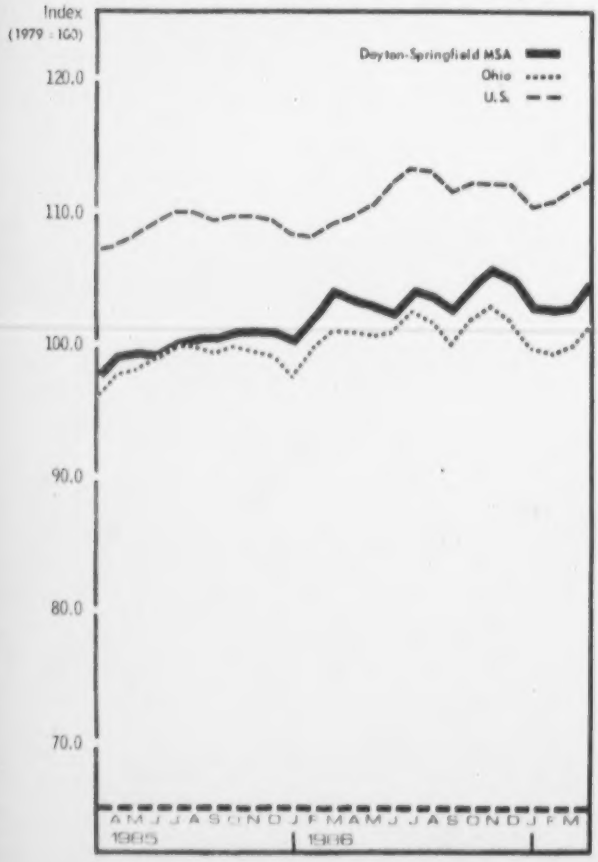
DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA



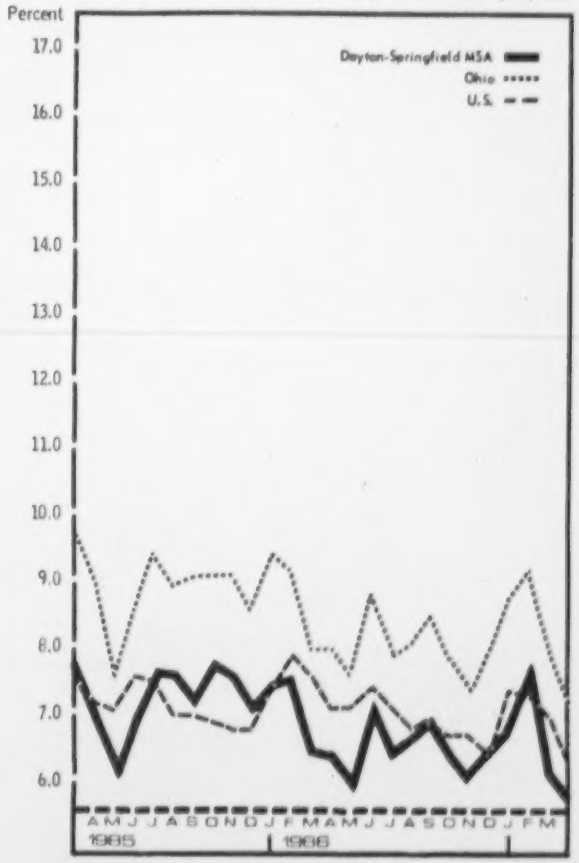
Dayton-Springfield metropolitan area nonfarm wage and salary employment totaled 433,800 in May, up 2,400 from April. Nonmanufacturing employment rose 3,000 over the month, as seasonal increases in construction and retail trade overshadowed reductions in educational services. Manufacturing employment dropped 600, to 104,700. Production workers in manufacturing earned an average of $11.76 per hour, a slight decrease from April. The average workweek, at 41.4 hours, was up .1 hours from the previous month.

Nonagricultural wage and salary employment advanced 12,600 since May 1986. Nonmanufacturing employment rose 14,200. Nearly all nonmanufacturing industries increased, with the largest changes occurring in services, retail trade, and construction. The number of manufacturing jobs declined 1,500 during the period. Losses were especially heavy in nonelectrical machinery.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



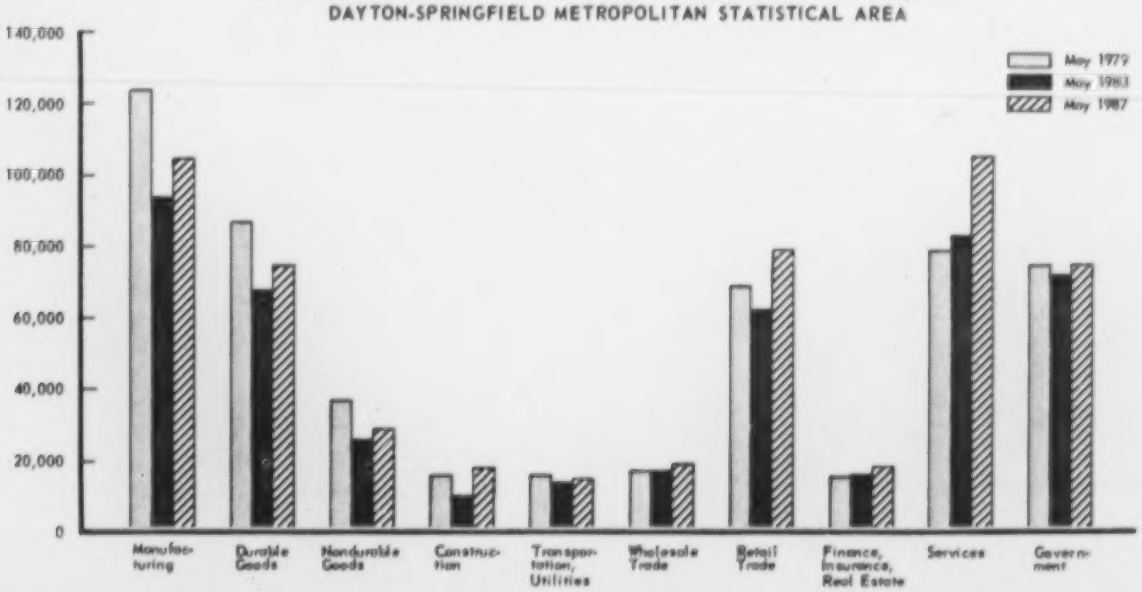
Dayton-Springfield MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1976	370.7	116.3	INA	INA	INA	INA
INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA	INA
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.1	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.99	42.9	$11.21
450.4	418.1	32.4	7.2	1985	408.9	106.3	69.1	517.10	43.2	11.97
462.0	431.6	30.4	6.6	1986	420.9	106.1	68.4	514.88	42.8	12.03
				1986						
460.3	431.5	28.9	6.3	April	418.3	105.3	68.1	510.85	42.5	12.02
455.4	428.8	26.6	5.8	May	421.1	106.2	68.5	515.31	42.8	12.04
459.9	427.4	32.5	7.1	June	420.3	106.6	68.5	518.06	43.1	12.02
463.0	433.8	29.2	6.3	July	417.5	106.2	68.0	511.28	42.5	12.03
463.0	432.5	30.5	6.6	August	420.6	106.5	68.1	502.25	42.1	11.93
459.6	428.0	31.6	6.9	September	427.6	106.8	68.8	516.52	42.9	12.04
467.0	437.8	29.2	6.3	October	429.7	106.4	68.5	502.74	42.0	11.97
470.2	441.9	28.3	6.0	November	431.2	106.3	68.8	505.83	42.4	11.93
468.0	437.9	30.0	6.4	December	432.1	106.5	69.0	509.32	42.8	11.90
				1987						
460.5	429.6	30.9	6.7	January	423.9	105.8	68.4	500.22	42.0	11.91
462.2	428.7	33.5	7.2	February	423.9	105.1	67.9	505.56	42.2	11.98
457.8	430.1	27.7	6.1	March	426.2	104.9	67.5	494.15	41.7	11.85
463.0	436.9	26.1	5.6	April	431.4	105.2	68.0	486.10	41.3	11.77
INA	INA	INA	INA	May	433.8	104.7	67.5	486.86	41.4	11.76

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



Dayton-Springfield MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	May 1987[b]	April 1987[c]	May 1986[c]	From Last Month	From Last Year
TOTAL	433.8	431.4	421.1	2.4	12.6
MANUFACTURING	104.7	105.2	106.2	- .6	- 1.5
Durable Goods[e]	75.4	75.8	76.9	- .5	- 1.5
Fabricated metal products	8.2	8.3	8.3	.0	- .1
Machinery, except electrical	30.3	30.6	31.9	- .3	- 1.6
Metalworking machinery	6.7	6.6	7.1	.1	- .5
General industrial machinery	2.4	2.5	2.6	- .1	- .2
Electric and electronic equipment	5.9	6.0	5.7	- .1	.2
Electrical industrial apparatus	3.5	3.6	3.5	.0	.1
Transportation equipment	21.4	21.7	21.6	- .3	- .3
Nondurable Goods[f]	29.3	29.4	29.3	- .1	.0
Food and kindred products	3.1	3.1	2.8	.0	.3
Paper and allied products	5.8	5.9	5.7	- .1	.1
Printing and publishing	8.7	8.7	8.5	.0	.2
Rubber and misc. plastics products	7.8	7.9	8.5	- .1	- .6
NONMANUFACTURING[g]	329.1	326.1	314.9	3.0	14.2
CONSTRUCTION	18.0	16.6	14.8	1.4	3.2
TRANSPORTATION AND PUBLIC UTILITIES	15.0	14.8	14.6	.2	.5
Communication, electric, gas services	5.9	5.8	5.9	.0	- .1
WHOLESALE TRADE	19.1	18.9	18.9	.2	.2
Wholesale trade-durable goods	13.2	13.1	12.8	.1	.4
RETAIL TRADE	78.6	77.1	75.3	1.4	3.3
General merchandise stores	11.2	11.1	11.3	.1	- .1
FINANCE, INSURANCE, AND REAL ESTATE	17.8	17.8	17.3	.1	.6
Banking	4.3	4.3	4.2	.0	.1
Credit agencies other than banks	4.6	4.6	4.4	.0	.1
Insurance carriers	2.8	2.8	2.9	.0	- .2
SERVICES	105.3	105.9	99.1	- .7	6.2
Business services	26.1	25.7	23.4	.4	2.7
Health services	35.2	34.9	34.2	.3	1.0
Hospitals	18.3	18.1	18.0	.1	.3
Educational services	5.6	7.2	6.1	- 1.6	- .5
GOVERNMENT	74.8	74.5	74.6	.3	.2
Federal government	27.6	27.7	28.2	.0	- .6
State government	7.4	7.4	6.9	.0	.5
State government education[f]	4.5	4.5	4.3	.0	.3
State government, except education	2.8	2.8	2.6	.0	.2
Local government	39.8	39.4	39.4	.4	.3
Local government education	25.1	24.9	24.9	.1	.2
Local government, except education	14.7	14.5	14.6	.2	.1

Hours & Earnings of Production or Nonsupervisory Workers[a]

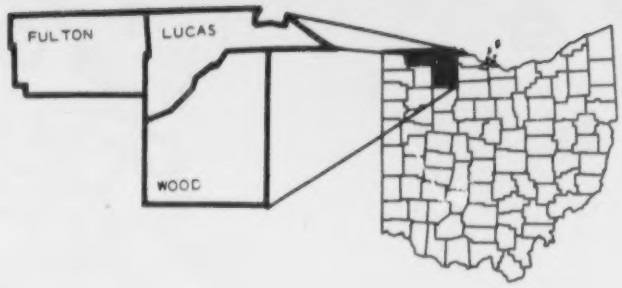
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1987[b]	April 1987[c]	May 1986[c]	May 1987[b]	Apr. 1987[c]	May 1986[c]	May 1987[b]	Apr. 1987[c]	May 1986[c]
MANUFACTURING	$486.66	$486.10	$515.31	41.4	41.3	42.8	$11.76	$11.77	$12.04
Durable Goods[d]	493.90	490.32	528.04	41.4	41.1	43.0	11.93	11.93	12.28
Fabricated metal products	374.00	368.92	370.87	40.0	40.1	40.4	9.35	9.20	9.18
Machinery, except electrical	531.72	525.41	546.01	42.0	41.6	43.3	12.66	12.63	12.61
Metalworking machinery	520.47	502.86	517.44	43.3	42.4	44.8	12.02	11.86	11.55
General industrial machinery	414.61	404.91	424.09	39.6	38.6	40.7	10.47	10.49	10.42
Electric and electronic equipment	431.12	421.18	378.53	44.4	43.6	41.1	9.71	9.66	9.21
Electrical industrial apparatus	517.94	495.00	440.30	47.0	45.0	42.5	11.02	11.00	10.36
Transportation equipment	574.90	572.27	659.94	40.6	40.5	44.5	14.16	14.13	14.83
Nondurable Goods[f]	466.16	473.47	474.31	41.4	41.9	41.9	11.26	11.30	11.32
Food and kindred products	369.29	343.62	346.90	43.6	41.5	42.1	8.47	8.28	8.24
Paper and allied products	490.49	513.24	463.37	45.5	47.0	44.9	10.78	10.92	10.32
Printing and publishing	431.51	428.47	420.82	39.3	39.6	39.7	10.98	10.82	10.60
Rubber and misc. plastics products	554.10	568.83	596.96	39.5	40.2	41.6	14.03	14.15	14.35
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	539.48	542.53	521.09	40.5	40.7	39.9	13.32	13.33	13.06
WHOLESALE TRADE	403.81	403.74	376.11	40.3	40.7	39.8	10.02	9.92	9.45
RETAIL TRADE[h]	157.90	157.08	157.18	27.8	27.9	29.0	5.68	5.63	5.42
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	355.44	360.70	336.01	33.5	33.9	33.5	10.61	10.64	10.03

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products, furniture and fixtures, stone, clay and glass products, primary metal industries, instruments and related products, miscellaneous manufacturing. [f]Includes tobacco manufactures, textile mill products, apparel and other textile products, chemicals and allied products, petroleum and coal products, leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	May 1987	April 1987	May 1986
Employment Service Program			
New Applicants	2,449	2,669	2,569
Active File of Job Seekers	21,238	23,780	28,383
Referrals to Jobs	1,278	1,814	1,529
Placements	255	463	196
Job Openings Received	1,083	915	1,148
Job Openings Unfilled	2,466	1,942	1,483
Unemployment Insurance Program			
Initial Claims	2,536	2,623	2,954
Continued Claims	22,914	29,696	26,008
First Payments	1,110	1,186	1,228
Last Payments	537	546	637
Weeks Compensated	21,070	27,723	24,607
Benefits Paid	$2,923,159	$3,918,513	$3,392,971
Average Weekly Payment	$141.79	$143.08	$140.64

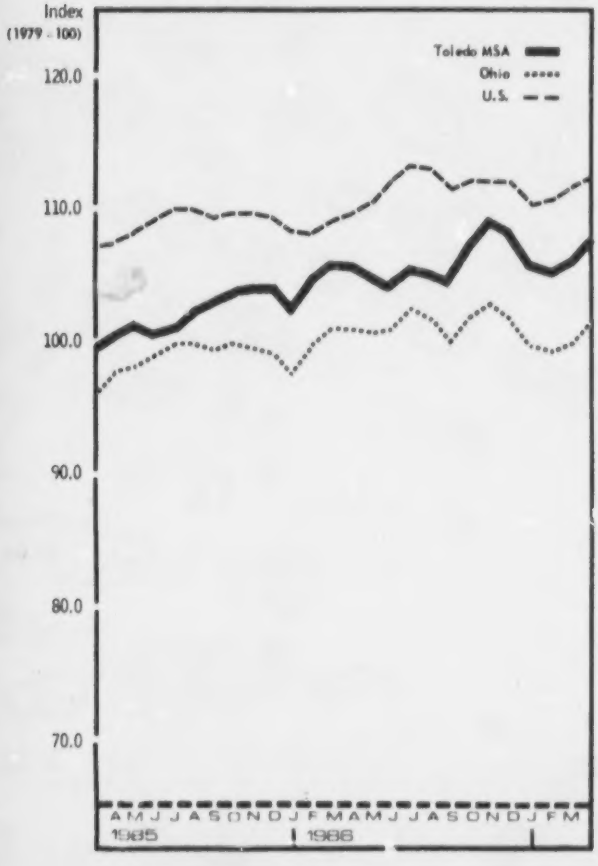
TOLEDO METROPOLITAN STATISTICAL AREA



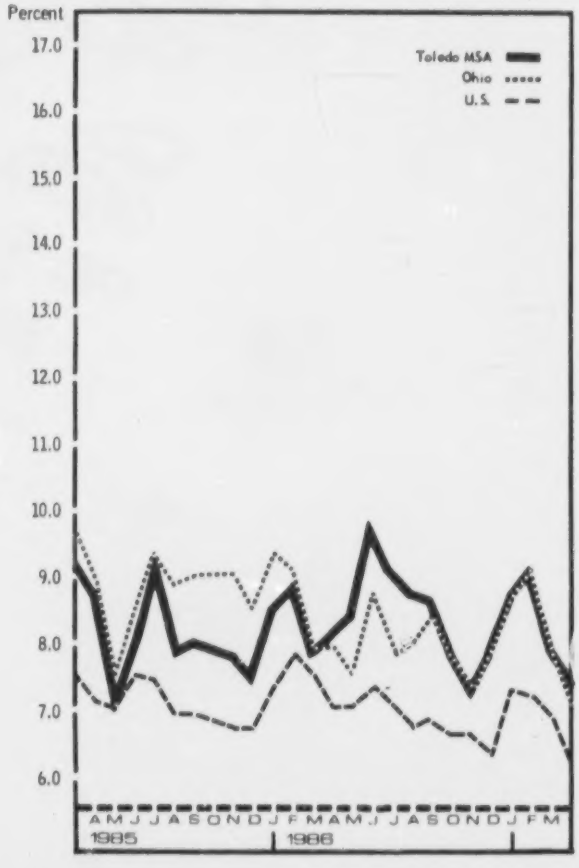
Nonagricultural wage and salary employment in the Toledo metropolitan area rose 3,400 from April, to 286,100 in May. Nonmanufacturing employment increased 3,800, to 224,100. Seasonal growth in retail trade, construction, and services accounted for most of the change. Manufacturing employment declined 400, to 61,900, due to scattered decreases in durable- and nondurable-goods industries. Average hourly earnings for manufacturing production workers remained unchanged for April, at $12.67. Their average workweek dropped .5 hours, to 41.9 hours.

Since May 1986, total nonfarm employment advanced 12,900. Nonmanufacturing employment increased 13,800 due primarily to growth in services and retail trade. Government and construction also recorded significant gains. Manufacturing employment declined 900 over the period. Scattered increases were unable to offset decreases in stone, clay, and glass products and primary metal products.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



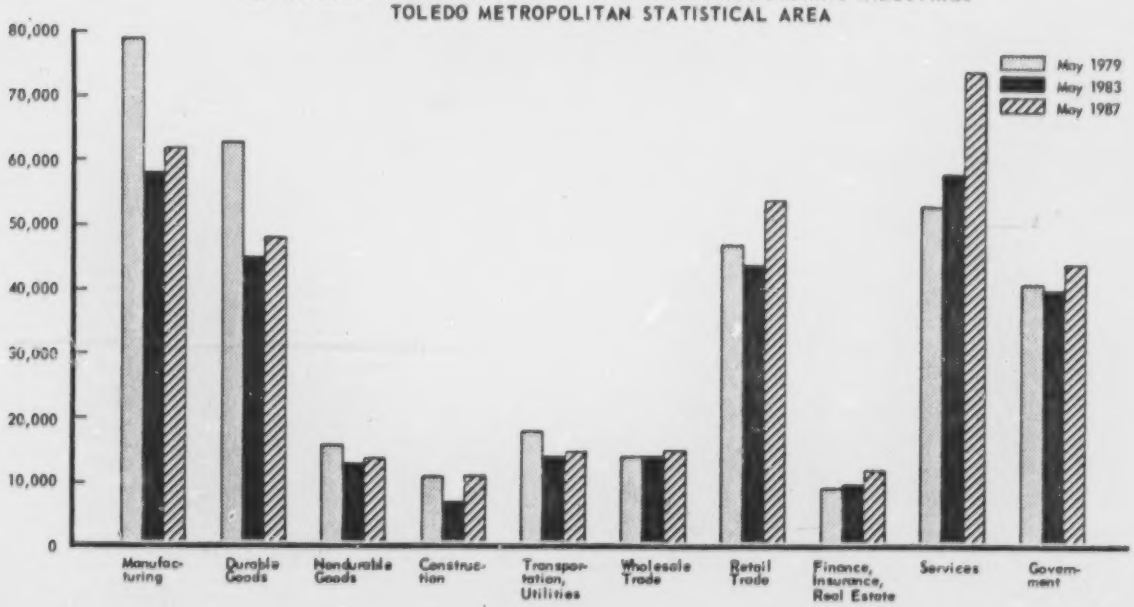
Toledo MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed				Manufacturing Employment					
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1976	248.3	74.5	INA	INA	INA	INA
INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA	INA
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
296.5	272.3	24.3	8.2	1985	264.5	65.7	46.2	523.55	42.6	12.29
308.0	282.2	25.9	8.4	1986	273.0	63.6	44.4	527.03	42.4	12.43
				1986						
306.8	281.9	24.9	8.1	April	271.2	63.7	44.2	516.23	41.8	12.35
306.0	280.1	25.9	8.4	May	273.1	62.8	43.5	524.55	42.2	12.43
307.9	277.6	30.3	9.8	June	270.5	63.3	43.9	524.12	42.2	12.42
309.9	281.8	28.1	9.1	July	268.6	63.0	43.6	526.25	42.1	12.50
308.2	281.2	26.9	8.7	August	271.5	64.1	44.7	519.90	42.2	12.32
305.6	279.3	26.3	8.6	September	277.3	64.5	45.3	524.36	42.7	12.28
311.5	287.2	24.3	7.8	October	280.0	63.4	44.2	531.65	42.6	12.48
314.6	291.9	22.7	7.2	November	283.0	63.1	44.5	524.99	42.1	12.47
313.7	289.1	24.5	7.8	December	283.4	63.0	44.5	538.40	42.9	12.55
				1987						
309.1	282.2	26.9	8.7	January	276.6	63.0	44.5	554.63	43.5	12.75
309.3	281.2	28.1	9.1	February	276.3	62.7	44.1	547.78	43.2	12.68
307.3	282.9	24.4	7.9	March	278.7	62.5	44.1	543.56	42.8	12.70
310.9	287.8	23.1	7.4	April	282.7	62.3	44.0	537.21	42.4	12.67
INA	INA	INA	INA	May	286.1	61.9	43.4	530.87	41.9	12.67

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Toledo MSA

	Employment (in thousands)			Change[d] (in thousands)	
	May 1987[b]	April 1987[c]	May 1986[c]	From Last Month	From Last Year
TOTAL	286.1	282.7	273.1	3.4	12.9
MANUFACTURING	61.9	62.3	62.8	- .4	- .9
Durable Goods[e]	48.0	48.4	49.0	- .4	- 1.0
Stone, clay, and glass products	7.9	7.8	8.6	.1	- .7
Primary metal industries	3.2	3.4	3.4	- .2	- .3
Fabricated metal products	7.4	7.4	7.4	.0	.0
Metal forgings and stampings	3.2	3.3	3.2	.0	.1
Machinery, except electrical	6.1	6.2	6.1	- .1	.0
Electric and electronic equipment	2.7	2.8	3.0	- .1	- .2
Transportation equipment	16.4	16.4	16.2	- .1	.2
Motor vehicles and equipment	15.4	15.5	15.2	- .1	.2
Nondurable Goods[f]	13.9	14.0	13.8	.0	.1
Food and kindred products	3.6	3.5	3.3	.0	.2
Rubber and misc. plastics products	3.1	3.2	3.0	- .1	.1
NONMANUFACTURING[g]	224.1	220.3	210.3	3.8	13.8
CONSTRUCTION	10.6	9.8	9.5	.8	1.1
TRANSPORTATION AND PUBLIC UTILITIES	14.5	14.4	13.8	.1	.7
Trucking and warehousing	5.6	5.6	5.4	.0	.3
Communication, electric, gas services	5.1	5.1	4.8	.0	.3
WHOLESALE TRADE	14.7	14.5	14.6	.1	.1
Wholesale trade-durable goods	9.7	9.5	9.8	.1	- .1
RETAIL TRADE	54.3	53.3	51.7	1.1	2.7
General merchandise stores	6.9	6.8	6.8	.1	.1
FINANCE, INSURANCE, AND REAL ESTATE	11.6	11.5	10.9	.2	.7
Banking	3.6	3.6	3.5	.0	.1
SERVICES	74.4	73.5	66.9	.8	7.5
Business services	14.4	14.1	12.8	.3	1.6
Health services	29.3	29.2	25.7	.1	3.7
Hospitals	15.4	15.4	14.6	.0	.8
GOVERNMENT	43.8	43.1	42.7	.7	1.2
State government	16.5	16.4	16.1	.2	.5
State government education[i]	12.4	12.2	12.1	.1	.2
State government, except education	4.2	4.1	3.9	.1	.2
Local government	24.7	24.2	24.0	.5	.7
Local government education	14.4	14.1	13.7	.3	.7
Local government, except education	10.3	10.1	10.3	.2	.0

Hours & Earnings of Production or Nonsupervisory Workers[a]

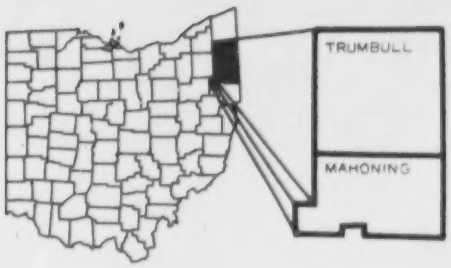
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1987[b]	April 1987[c]	May 1986[c]	May 1987[b]	Apr. 1987[c]	May 1986[c]	May 1987[b]	Apr. 1987[c]	May 1986[c]
MANUFACTURING	$530.87	$537.21	$524.55	41.9	42.4	42.2	$12.67	$12.67	$12.43
Durable Goods[e]	555.35	560.62	548.66	42.2	42.6	42.4	13.16	13.16	12.94
Stone, clay, and glass products	507.83	511.52	557.36	40.4	40.5	44.2	12.57	12.63	12.61
Primary metal industries	489.06	507.05	506.66	42.9	44.4	44.6	11.40	11.42	11.36
Fabricated metal products	503.48	546.74	493.07	41.1	43.6	41.4	12.25	12.54	11.91
Metal forgings and stampings	610.90	670.60	577.68	42.9	45.9	41.8	14.24	14.61	13.82
Machinery, except electrical	490.99	464.39	465.92	42.4	40.7	41.6	11.58	11.41	11.20
Electric and electronic equipment	539.33	509.64	552.67	42.3	41.1	40.4	12.75	12.40	13.68
Transportation equipment	665.76	662.02	644.73	43.4	43.1	42.5	15.34	15.36	15.17
Motor vehicles and equipment	668.79	665.03	647.70	43.4	43.1	42.5	15.41	15.43	15.24
Nondurable Goods[f]	447.17	451.36	441.38	41.1	41.6	41.6	10.88	10.85	10.61
Food and kindred products	526.64	529.13	554.73	42.3	42.5	45.1	12.45	12.45	12.30
Rubber and misc. plastics products	316.80	336.58	310.86	40.0	41.4	39.6	7.92	8.13	7.85
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	620.76	583.67	580.56	42.9	41.9	42.1	14.47	13.93	13.79
WHOLESALE TRADE	361.55	355.89	362.16	38.3	37.7	38.9	9.44	9.44	9.31
RETAIL TRADE[h]	161.55	161.21	156.65	28.9	29.1	29.5	5.59	5.54	5.31

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [r]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [l]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	May 1987	April 1987	May 1986
Employment Service Program			
New Applicants	2,523	2,260	2,137
Active File of Job Seekers	16,196	20,742	27,160
Referrals to Jobs	966	1,459	873
Placements	385	311	266
Job Openings Received	523	839	518
Job Openings Unfilled	1,263	1,306	565
Unemployment Insurance Program			
Initial Claims	3,639	4,197	4,295
Continued Claims	25,425	32,855	33,344
First Payments	1,149	1,203	1,693
Last Payments	445	374	458
Weeks Compensated	19,386	24,095	31,678
Benefits Paid	$2,830,234	$3,534,397	$4,961,362
Average Weekly Payment	$149.48	$149.92	$160.03

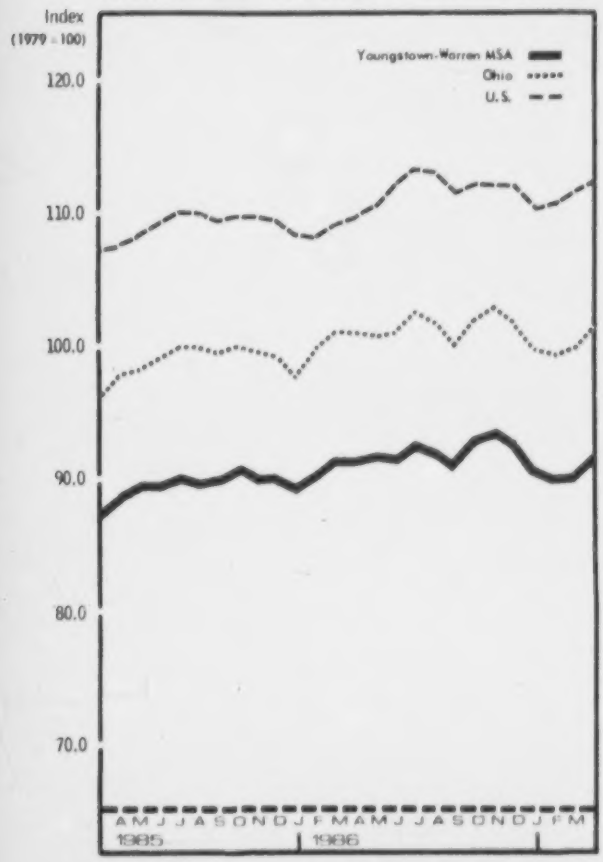
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



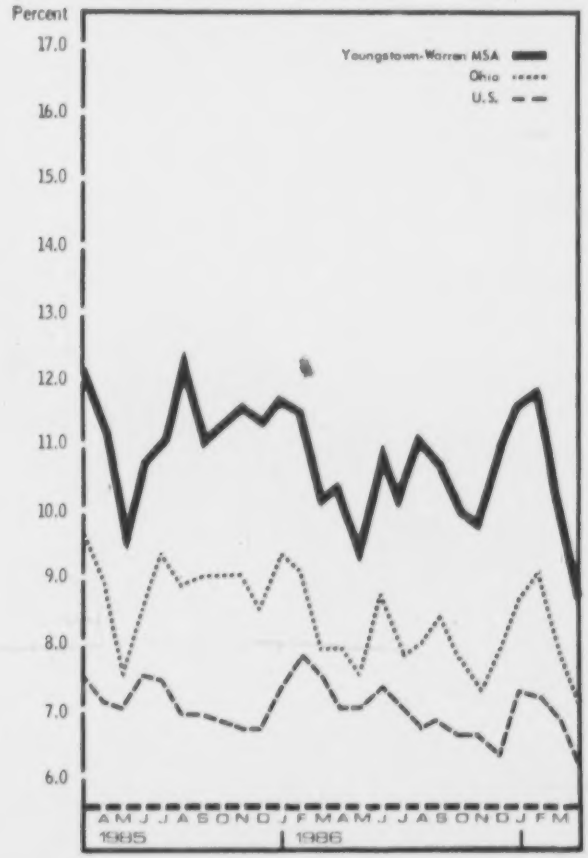
Nonagricultural wage and salary employment in the Youngstown-Warren area increased 1,900 since April, to 193,200. In nonmanufacturing, employment increased 2,500 over the month with gains occurring in construction, retail trade, and services. Manufacturing employment declined 600 over the month, to 50,900, with significant losses recorded in primary metal industries. Production workers averaged 42.9 hours per week, down .2 hours from April. They earned $13.28 an hour, up slightly from last month.

From May 1986 to May 1987, nonagricultural employment increased 3,400 in the Youngstown-Warren area. Nonmanufacturing employment rose 4,600, with the largest gains occurring in services, construction, and retail trade. Manufacturing dropped 1,200 over the year due to losses in durable-goods industries.

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



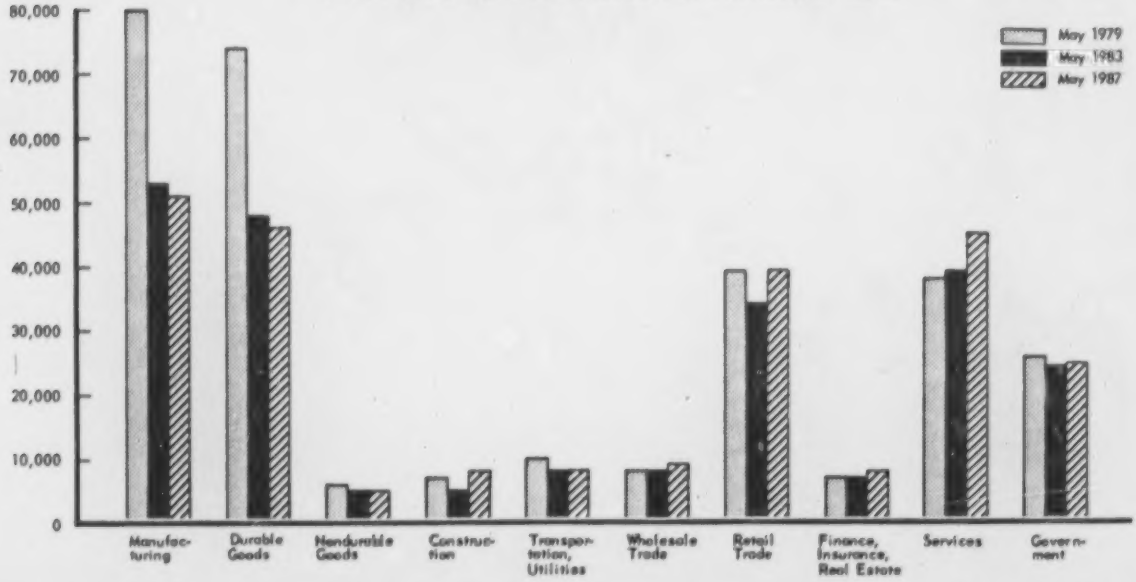
Youngstown-Warren MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
234.2	210.5	23.7	10.1	1976	203.5	80.6	63.3	$277.29	39.5	$ 7.02
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	313.50	40.4	7.76
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	353.56	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.5	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.3	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
221.3	196.3	25.0	11.3	1985	184.2	52.7	39.6	570.64	43.1	13.24
224.9	201.1	23.8	10.6	1986	188.2	52.0	38.9	553.28	41.6	13.30
				1986						
224.0	200.6	23.4	10.4	April	186.7	51.7	38.5	542.93	41.1	13.21
221.9	201.3	20.6	9.3	May	189.8	52.2	39.0	533.79	40.5	13.18
225.5	200.6	24.9	11.0	June	189.6	52.1	38.9	539.97	41.0	13.17
226.0	203.2	22.8	10.1	July	187.6	51.5	38.4	542.93	41.1	13.21
226.7	201.4	25.2	11.1	August	187.8	51.5	38.5	541.03	41.3	13.10
223.2	199.4	23.8	10.7	September	191.1	52.3	39.4	557.69	41.9	13.31
226.4	203.7	22.7	10.0	October	191.7	52.3	39.5	544.75	41.3	13.19
227.6	205.2	22.4	9.8	November	191.9	52.2	39.3	558.11	41.9	13.32
228.7	203.6	25.1	11.0	December	192.5	52.2	39.5	579.58	42.9	13.51
				1987						
224.7	198.8	26.0	11.6	January	187.9	51.1	38.4	577.37	42.8	13.49
224.2	197.4	26.8	11.9	February	187.2	51.1	38.3	580.13	43.1	13.46
220.5	198.1	22.4	10.2	March	188.6	51.4	38.8	579.79	43.3	13.39
220.5	201.2	19.3	8.7	April	191.3	51.6	38.9	571.94	43.1	13.27
INA	INA	INA	INA	May	193.2	50.9	38.2	569.71	42.9	13.28

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Youngstown-Warren MSA

	Employment (in thousands)			Change[d] (in thousands)	
	May 1987[b]	April 1987[c]	May 1986[c]	From Last Month	From Last Year
TOTAL	193.2	191.3	189.8	1.9	3.4
MANUFACTURING	50.9	51.6	52.2	- .6	-1.2
Durable Goods[e]	45.6	46.0	46.9	- .4	-1.3
Primary metal industries	19.3	19.9	19.8	- .5	- .5
Blast furnace and basic steel products	6.8	6.8	6.4	.0	.4
Fabricated metal products	7.6	7.6	7.9	.0	- .3
Machinery, except electrical	3.5	3.5	3.8	.0	- .3
Electric and electronic equipment	2.3	2.3	2.3	.0	.0
Transportation equipment	9.6	9.7	10.0	.0	- .3
Nondurable Goods[f]	5.4	5.6	5.3	- .2	.1
NONMANUFACTURING[g]	142.3	139.7	137.7	2.5	4.6
CONSTRUCTION	8.1	7.2	7.0	.9	1.1
TRANSPORTATION AND PUBLIC UTILITIES	8.1	8.1	7.6	.0	.5
Communication, electric, gas services	3.1	3.1	3.1	.0	.1
WHOLESALE TRADE	9.2	9.1	9.2	.1	.0
Wholesale trade-durable goods	5.9	5.8	6.1	.1	- .1
RETAIL TRADE	38.6	37.9	37.5	.6	1.0
General merchandise stores	5.4	5.5	5.5	.0	- .1
FINANCE, INSURANCE, AND REAL ESTATE	8.4	8.4	8.1	.0	.3
Banking	2.8	2.8	2.8	.0	.0
SERVICES	44.7	44.2	43.1	.5	1.6
Health services	19.7	19.7	18.8	.1	.9
Hospitals	10.3	10.3	10.0	.0	.3
GOVERNMENT	24.7	24.4	24.5	.3	.1
State government	4.2	3.9	4.2	.3	.0
State government education[i]	2.7	2.4	2.7	.3	.0
State government, except education	1.5	1.5	1.5	.0	.0
Local government	18.4	18.4	18.3	.0	.1
Local government education	12.0	12.1	11.8	.0	.2
Local government, except education	6.4	6.4	6.4	.0	.0

Youngstown - Warren MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1987[b]	April 1987[c]	May 1986[c]	May 1987[b]	Apr. 1987[c]	May 1986[c]	May 1987[b]	Apr. 1987[c]	May 1986[c]
MANUFACTURING	$569.71	$571.94	$533.79	42.9	43.1	40.5	$13.28	$13.27	$13.18
Durable Goods[e]	585.30	589.37	551.49	43.1	43.4	40.7	13.58	13.58	13.55
Primary metal industries	593.56	606.61	535.54	41.8	42.9	38.5	14.20	14.14	13.91
Blast furnace and basic steel products	606.70	637.56	488.43	43.9	46.1	36.1	13.82	13.83	13.53
Fabricated metal products	547.23	547.96	585.31	41.3	41.2	42.2	13.25	13.30	13.87
Machinery, except electrical	501.81	475.86	454.41	43.0	41.2	40.5	11.67	11.55	11.22
Electric and electronic equipment	431.35	439.01	405.46	40.2	40.8	38.8	10.73	10.76	10.45
Transportation equipment	710.79	715.73	657.62	47.8	48.1	43.9	14.87	14.88	14.98
Nondurable Goods[f]	419.61	398.78	361.48	41.3	40.2	38.7	10.16	9.92	9.34
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	544.79	540.50	514.63	40.9	40.7	40.3	13.32	13.28	12.77
WHOLESALE TRADE	344.93	338.69	338.69	38.8	37.8	39.2	8.89	8.96	8.64
RETAIL TRADE[h]	174.94	171.40	167.77	29.6	29.1	29.8	5.91	5.89	5.63

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	May 1987	April 1987	May 1986
Employment Service Program			
New Applicants	1,731	1,848	2,189
Active File of Job Seekers	17,471	21,675	33,995
Referrals to Jobs	1,145	1,191	1,606
Placements	325	295	506
Job Openings Received	464	520	570
Job Openings Unfilled	632	593	524
Unemployment Insurance Program			
Initial Claims	3,768	4,478	4,098
Continued Claims	24,324	28,019	24,178
First Payments	1,185	1,120	1,274
Last Payments	429	442	514
Weeks Compensated	21,085	25,749	23,336
Benefits Paid	$2,994,524	$3,640,265	$3,353,531
Average Weekly Payment	$146.66	$146.28	$147.57

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	40
Manufacturing	56
Nonmanufacturing	35
Mining	56
Construction	17
Transportation and Public Utilities	43
Wholesale Trade	19
Retail Trade	20
Finance, Insurance, and Real Estate	42
Services and Miscellaneous	26
Government	70

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1986 benchmark.

Seasonally Adjusted Estimates

To facilitate interpretation of underlying economic trends, Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

	May 1987	April 1987	May 1986
New Applicants	36,395	42,612	42,607
Active File of Job Seekers	260,152	337,571	429,796
Counseling Interviews	1,411	1,729	2,660
Tests Administered	2,682	4,393	3,488
General Aptitude Tests	331	878	1,121
Proficiency Tests	466	600	537
Specific Aptitude Tests	600	655	637
Referrals to Jobs	24,927	28,655	25,719
Placements	6,191	5,936	6,778
Job Openings Received	13,951	15,472	15,018
Job Openings Unfilled	27,429	25,951	24,729

Selected Unemployment Insurance Activities

	May 1987	April 1987	May 1986
Initial Claims	44,061	54,816	57,347
Continued Claims	392,865	521,977	461,121
First Payments	18,737	20,064	22,558
Last Payments	8,090	8,677	10,140
Average Weekly Claimants	96,227	117,813	108,059
Average Weekly Benefit Recipients	81,305	101,157	92,561
Weeks Compensated	347,341	457,704	430,744
Benefits Paid	$50,695,031	$67,451,284	$63,411,938
Average Weekly Payment	$149.65	$150.96	$150.62
Continued Claims for Survey Week	91,986	109,357	106,675
Insured Unemployment Rate	2.3	2.8	2.6
Net Contributions	$352,610,306	$132,036,275	$327,904,012
Active Employer Accounts	195,506	194,529	192,297

This periodical is published monthly by the Ohio Bureau of Employment Services in cooperation with the U.S. Department of Labor. For further information contact Dixie Sommers, Director, Labor Market Information Division at (614) 481-5783.

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